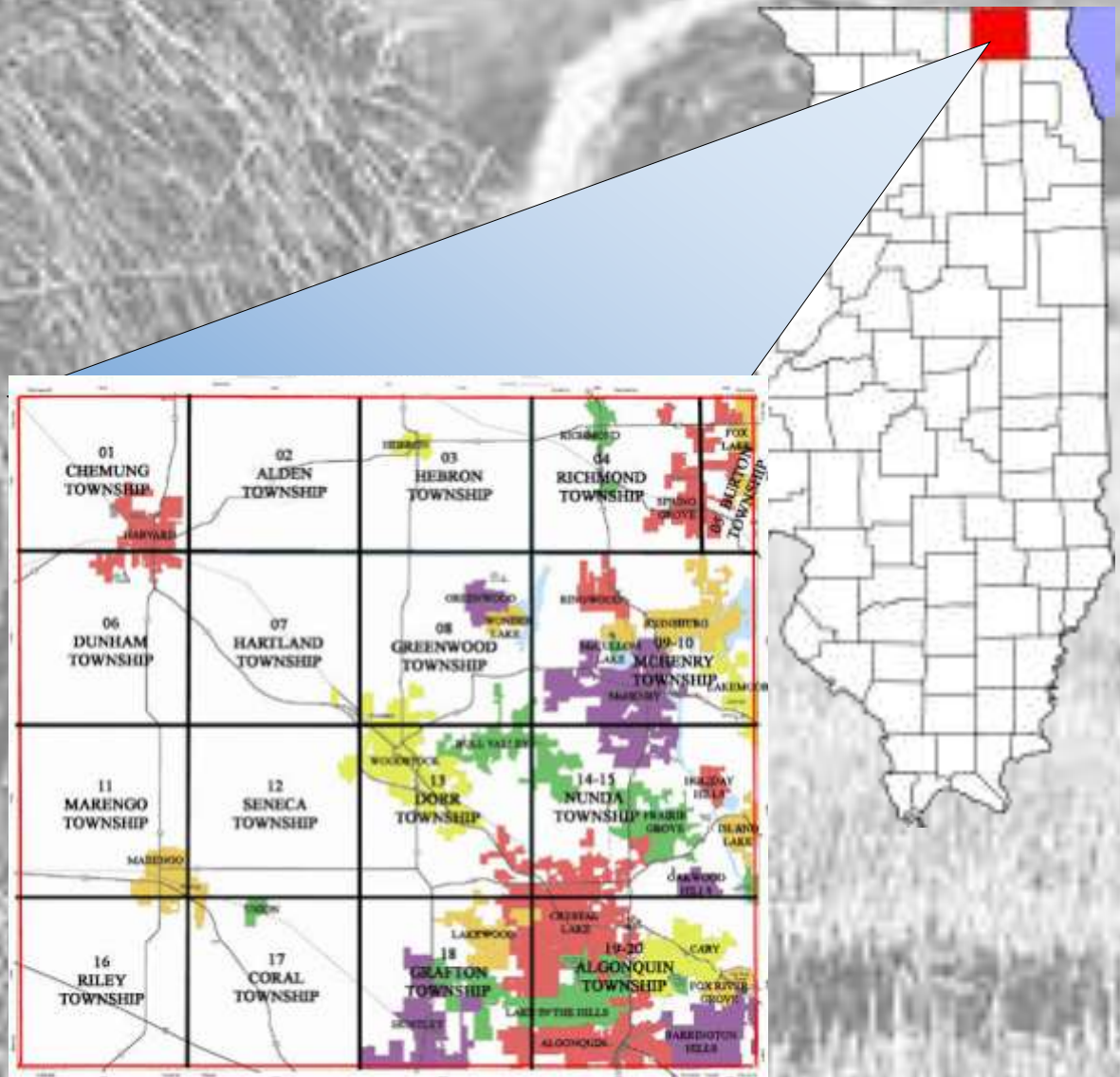


By The Numbers

McHenry County Labor Report

Fall 2019



McHENRY COUNTY
Workforce Network Board



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McHenry County Labor Report—By The Numbers *Fall 2019*

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Introduction

The McHenry County Labor Report for 2019 offers a current snapshot of the local workforce and highlights the following key areas:

- Demographics– current overview of our people resources.
- Industries– current and 4 year projections.
- Occupations– employment and unemployment characteristics, and education.
- Workforce Program customers participant training, employment and expenditure figures.

The McHenry County Labor Report identifies the County's economic strengths, weaknesses and opportunities for future growth. The report updates the data produced for the 2018 Labor Report and includes new information on population changes, workforce by industry, and labor underutilization. Information is presented in the form of easy to read charts, graphs, and tables. Updated information for commuting patterns in and out of the county for employment is provided this year.

We get a look at:

- Population and Job Trends
- Labor Force Participation and Underutilization
- Commuting: Where Workers Work, Where Workers Live
- Top Industries and Employers
- Top Occupation Trends
- Education Trends

Goals of the Report

- To provide businesses with current data to assist with their decision making.
- To identify the changing demographics and its impact on the local workforce and economy.
- To identify sectors that make up the economic base of the County and the skills necessary for employment opportunities.
- To highlight industries and occupations with potential future growth, as well as areas of declining growth.
- To understand McHenry County in comparison to surrounding counties.
- To engage local leaders, businesses and educators in workforce and economic development of the County by providing information that can be used to develop strategic plans to meet current and future needs.

For customized workforce and wage reports contact the McHenry County Workforce Network Board.

Resources: A full listing of the resources used to compile the report can be found on page 42.

The McHenry County workforce Network (MCWN) and MCWN Board administers the federal Workforce Innovation and Opportunity (WIOA) Title 1 Workforce Development Grant for the County of McHenry, Illinois.

Acknowledgements: This report has been compiled and prepared by:

Jeffery Poynter, Director, McHenry County Workforce Network Board
Julie Courtney, Director, McHenry County Workforce Network
Chris Nejdli, Assistant Director, McHenry County Workforce Network
Kerrie Johnson, Assistant to McHenry County Workforce Network and Board

Recent Highlights of the Workforce Network and Workforce Network Board

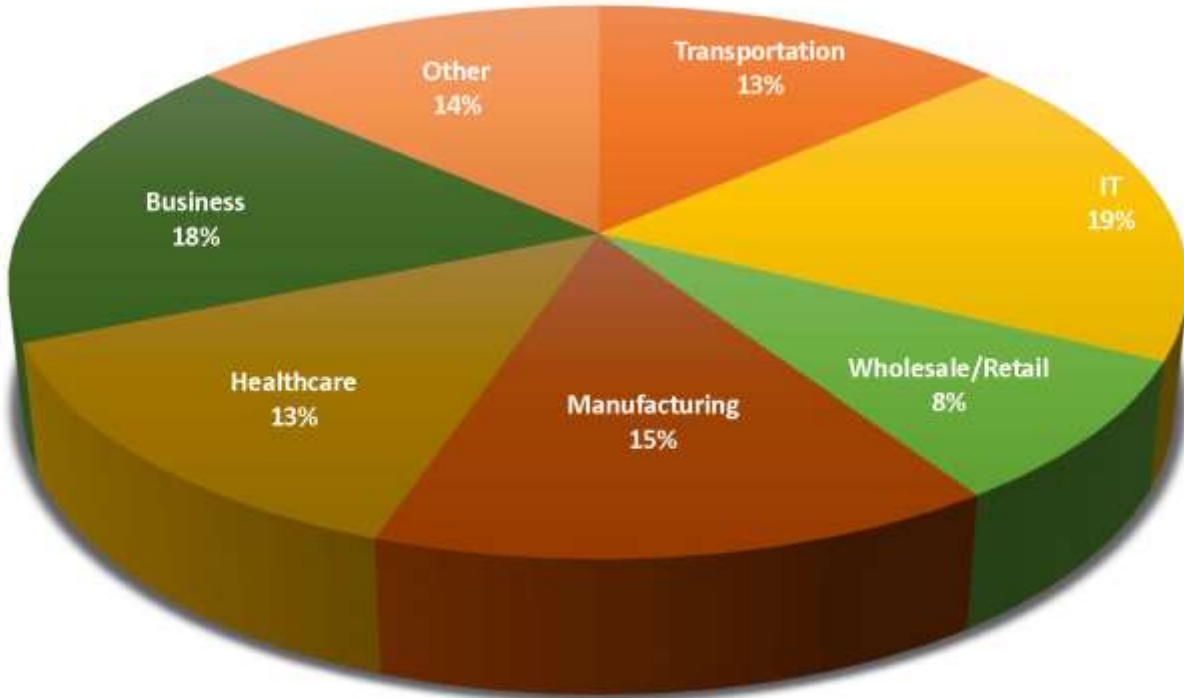
- ✓ Served over 2600 people with their job search needs through services such as job club, job fairs, seminars, mock interviews and resume critiques.
- ✓ Of the individuals who completed services for the 2018 program year (7/1/18-6/30/19), 85% are employed and have an average wage of \$19.84/hour compared to the State average of \$15.41/hour.
- ✓ 114 WIOA eligible customers participated in training for high demand occupations. 40 customers participated in internship programs at 25 worksites in the County.
- ✓ 120 individuals completed work based learning training, such as On the Job Training (OJT), Internships and Incumbent worker training, with employers in the County. This addressed the needs of County employers to develop a skilled workforce from a small talent pool. These programs offset the costs for employer based training and reimbursed County employers over \$219,000.
- ✓ 55% of grant dollars have been spent on direct training services for individuals and County employers, which exceed the Department of Commerce and Economic Opportunity (DCEO), the State department that administers WIOA grants, requirement that 50% of program dollars be spent on direct training services.
- ✓ Completed strategic plan for Business Resource Team which resulted in #mchenrycountyworks and streamlined visits to area employers. Local team members from different partners conduct joint visits to target employers.
- ✓ Conducted service integration self-assessment with local partners and identified areas for further integration.
- ✓ MCWN and MCC began a Pre-Apprenticeship Program for At-Risk Young Adults and Returning Citizens. The first cohort saw four individuals successfully complete the six week training program and were able to use a CNC machine to fabricate a part to NIMS specifications. Participants have started the next phase of the Pre-Apprenticeship program with a 240 hour internship at four local manufacturers. The program includes workplace readiness courses, manufacturing essentials courses, hands-on learning activities, paid internships, and career development experiences.
- ✓ MCWN sponsored a Welding Skills Class through the Young Adult Program. Eight young adults, ages 18 – 24, attend welding classes for 8 – 10 weeks to learn the skills necessary to become an entry level structural welder, earning their Structural Welding Certification from the American Welding Society. Classes were provided through the First Institute Mobile Welding program. Thank you to the McHenry City Public Works Department for being host to the mobile classroom.
- ✓ McHenry County received \$1,612,377 in WIOA Formula Grant funding to provide workforce development services and programs for county businesses and residents. This is a decrease of 6.49% or \$111,960 from the previous program year, with plans to serve 360 Customers including Job Seekers and Businesses.
- ✓ MCWN with Workforce Partners of Metropolitan Chicago and Tech Services received a Talent Pipeline and Innovative Solutions grant with a regional focus on transportation, warehouse and logistics.
- ✓ MCWN and the Local Workforce Areas of Northeastern Illinois are promoting a regional Apprenticeship Expansion program to assist local businesses with apprenticeship program information and development. This program will promote apprenticeships to assist businesses recruit, train, and retain skilled workers.

Wages and Employment of McHenry County Workforce Network (MCWN) WIOA (Workforce Innovation and Opportunity Act) Customers All Exited Customers

Exits: People who have successfully finished services and left the MCWN / WIOA Program

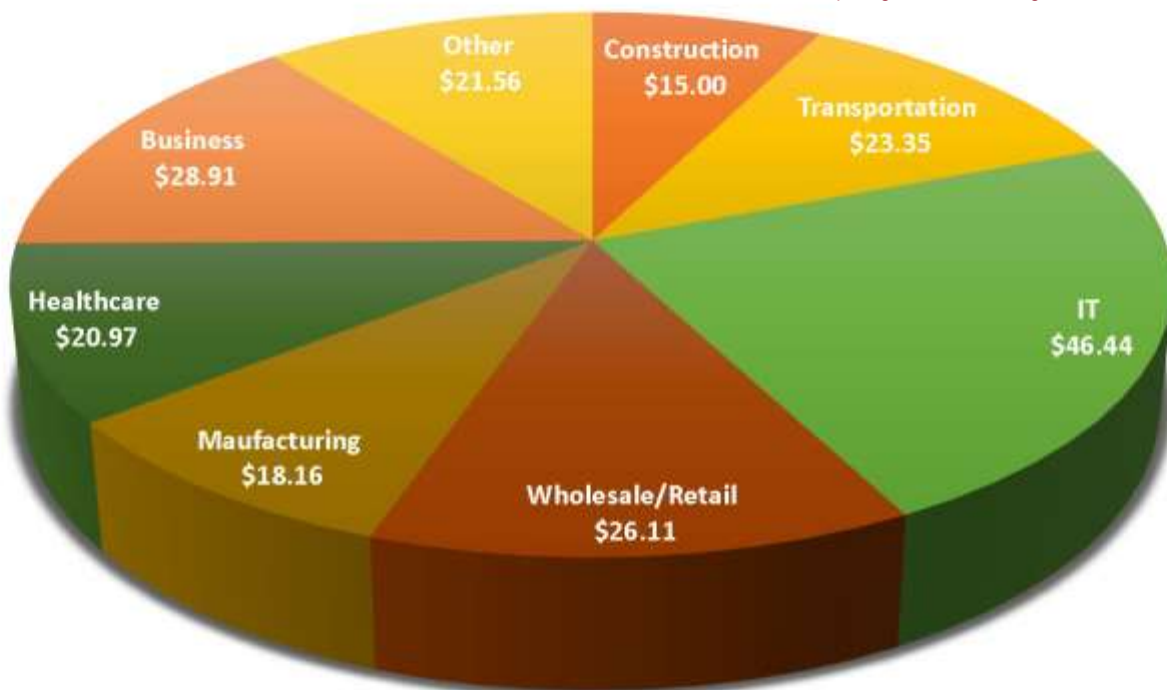
*Industry Sectors in which WIOA Customers
found employment July 2018 - June 2019*

Industries of Employment



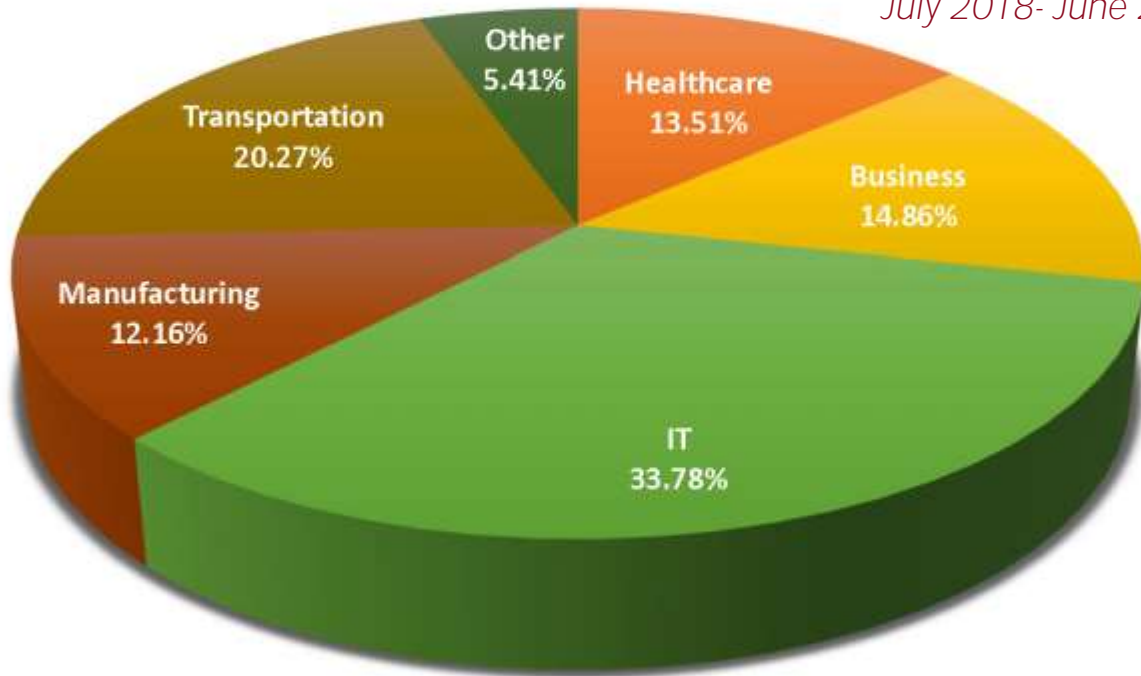
Average Hourly Wage

*WIOA Customers finding
employment July 2018 - June 2019*



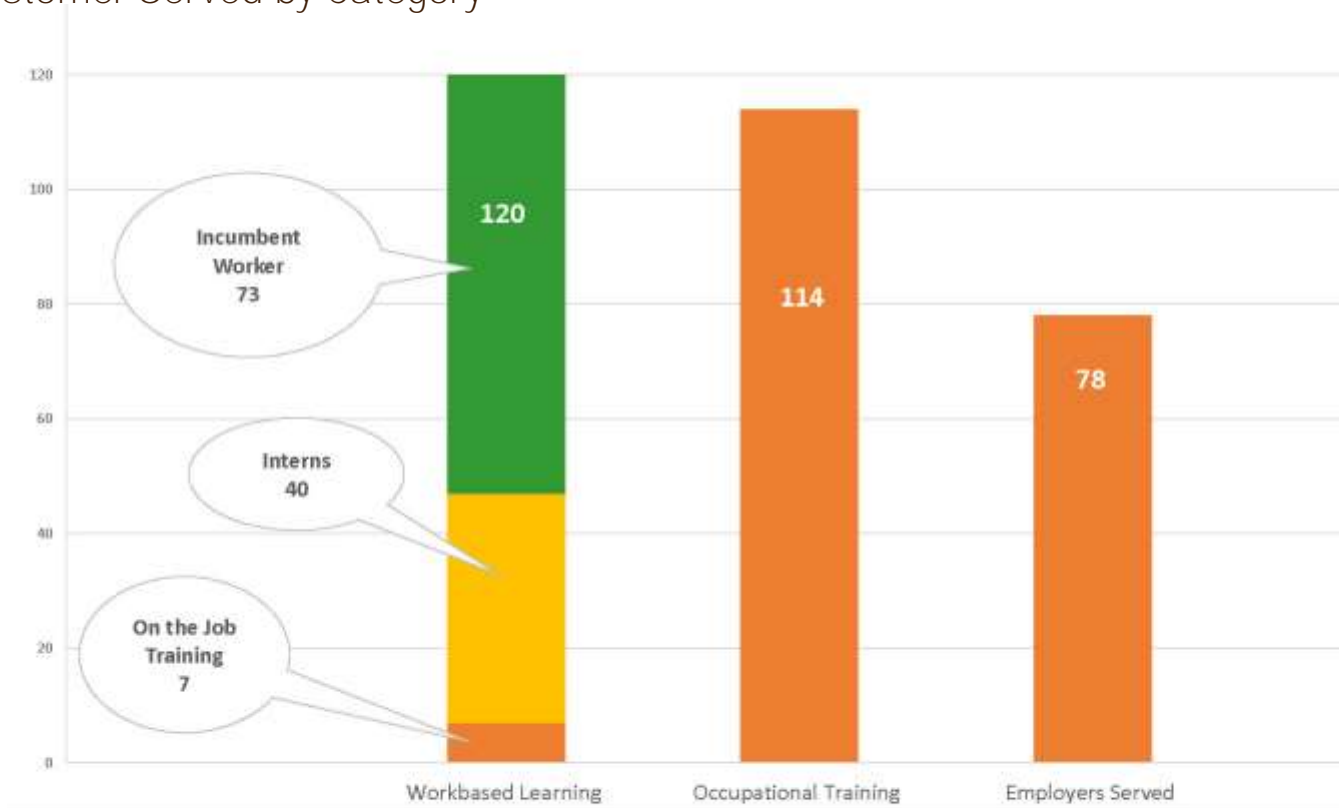
Customer Training by Industry

July 2018- June 2019



MCWN expended **\$1,701,112** in federal workforce dollars (WIOA, Trade and Talent Pipeline grants) to provide services for adult and young adult customers during the 2018 program year ending June 30, 2019. This investment has returned an estimated **\$5,423,391** in annual wages to the local economy. Average annual earnings for WIOA Customers: **\$59,911**. **\$843,156** was spent directly on customer training, accounting for 50% of the program expenditures.

Customer Served by Category



Economy Overview

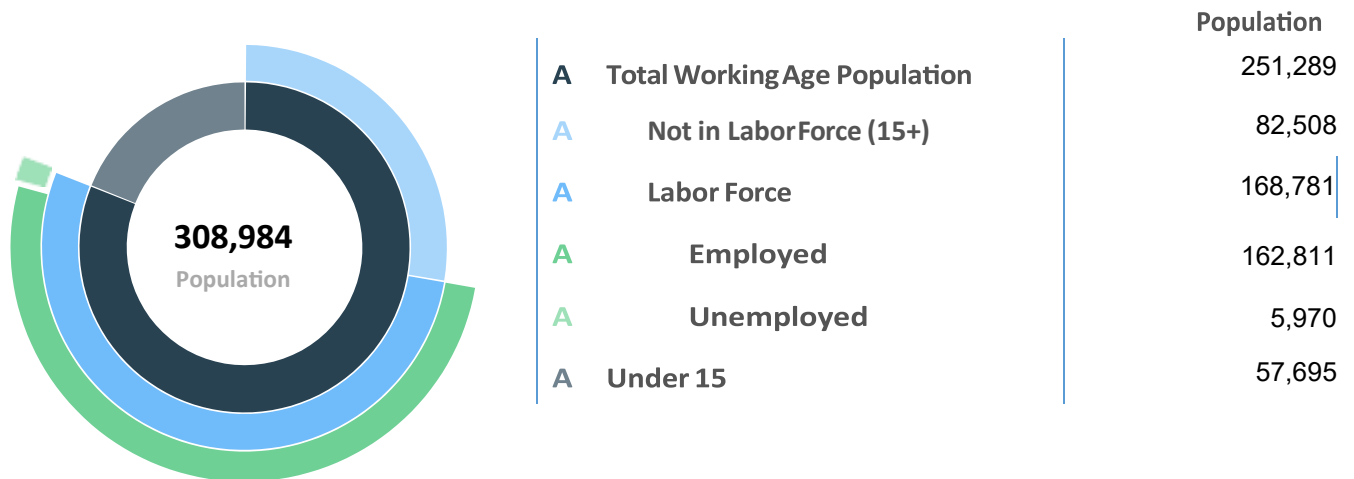
308,984	107,277	\$82.2K
Population (2019)	Total Regional Employment	Median Household Income (2017)
Population grew by 1,571 over the last 5 years and is projected to grow by 2,333 over the next 5 years	Jobs grew by 1,364 over the last 5 years and are projected to grow by 2,720 over the next 5 years.	Median household income is \$24.6K above the national median household income of \$57.7K.

Takeaways

- As of 2019 the region's population **increased by 0.5%** since 2014, growing by 1,571. Population is expected to **increase by 0.8%** between 2019 and 2024, adding 2,333
- From 2014 to 2019, jobs **increased by 1.3%** in McHenry County, IL from 105,913 to **107,277**. This change fell **short of the national growth rate of 6.9% by 5.6%**. As the number of jobs increased, the labor **force participation rate decreased from 67.6% to 67.2% between 2014 and 2019**.
- Concerning educational attainment, **22.0% of McHenry County, IL residents possess a Bachelor's Degree** (3.1% above the national average), and **8.6% hold an Associate's Degree** (0.6% above the national average).
- The top three industries in 2019 are Education and Hospitals (Local Government), Restaurants and Other Eating Places, and Local Government, Excluding Education and Hospitals.

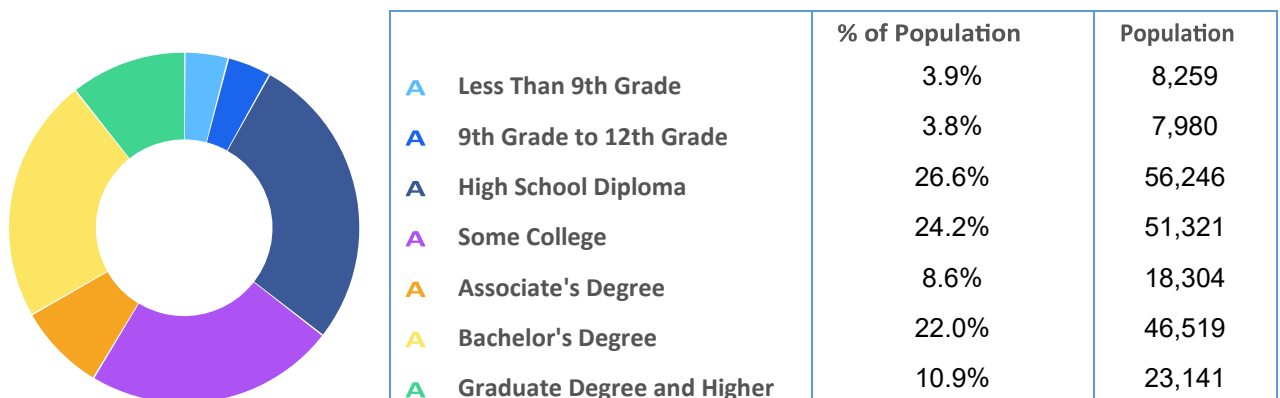
	McHenry County, IL	EDR#4	Illinois	United States
Population (2019)	309,544	8,733,876	12,711,277	331,377,000
COL Index	102.3	105.3	100.1	100.0
GRP	\$11,546,679,404.20	\$653,384,783,760.00	\$843,208,592,213.00	\$20,281,063,237,300.00
Exports	\$9,116,743,005.81	\$456,553,885,976.00	\$687,976,048,496.00	\$8,519,766,971,610.00
Imports	\$19,090,403,593.20	\$400,274,800,638.00	\$569,443,326,310.00	\$0.00
Labor Force (Mar 2019)	168,781	4,593,376	6,592,400	6,932,993
Participation Rate (Mar 2019)	67.2%	64.6%	63.5%	63.6%
Unemployment Rate (Mar 2019)	3.5%	4.1%	4.2%	4.2%
Median Household Income (2017)	\$82,230	Insf. Data	\$61,229	\$57,652
Violent Crimes per 1,000 people	0.98	4.56	4.30	3.87
Property Crimes per 1,000 people	9.13	19.79	19.48	22.98

2018 Labor Force Breakdown



Educational Attainment

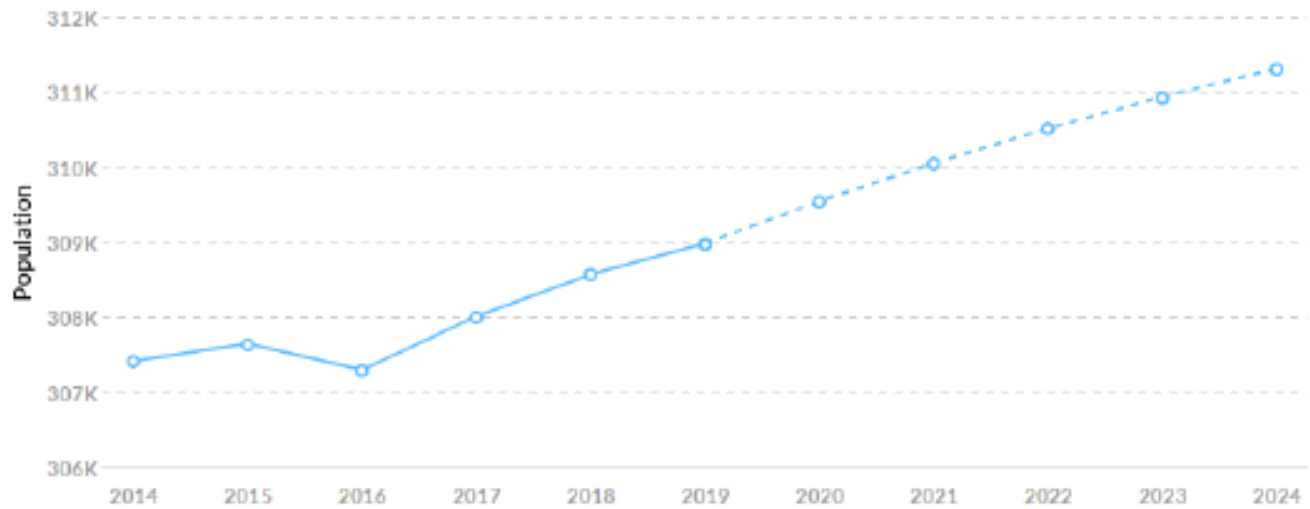
Concerning educational attainment, **22.0% of McHenry County, IL residents possess a Bachelor's Degree** (3.1% above the national average), and **8.6% hold an Associate's Degree** (0.6% above the national average).



Historic & Projected Trends

Population Trends

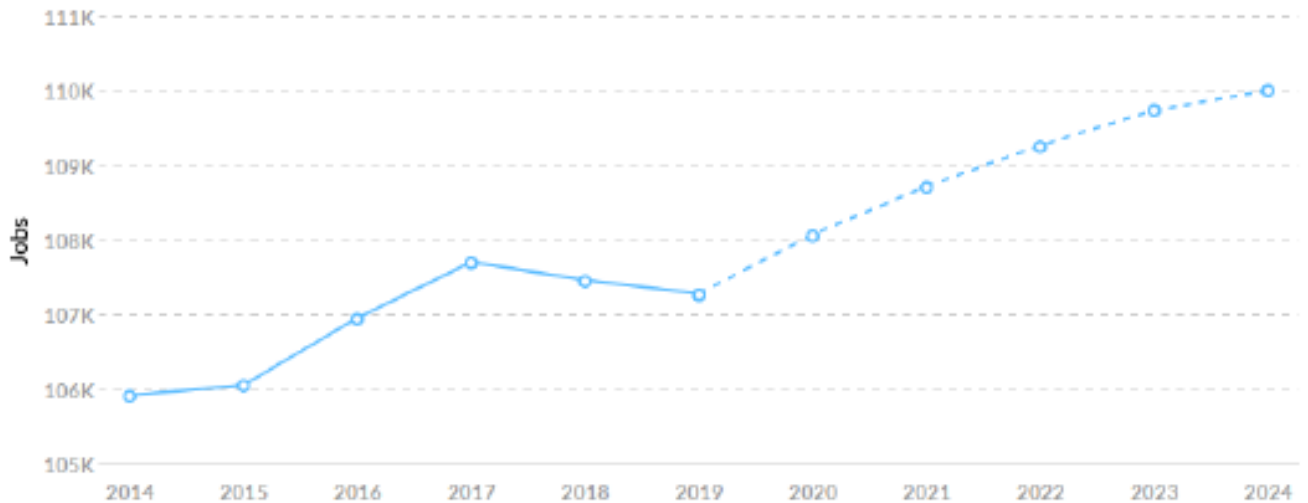
As of 2019 the region's population **increased by 0.5%** since 2014, growing by 1,571. Population is expected to **increase by 0.8%** between 2019 and 2024, adding 2,333.



Timeframe	Population
2014	307,413
2015	307,650
2016	307,295
2017	308,012
2018	308,568
2019	308,984
2020	309,544
2021	310,053
2022	310,514
2023	310,934
2024	311,316

Job Trends

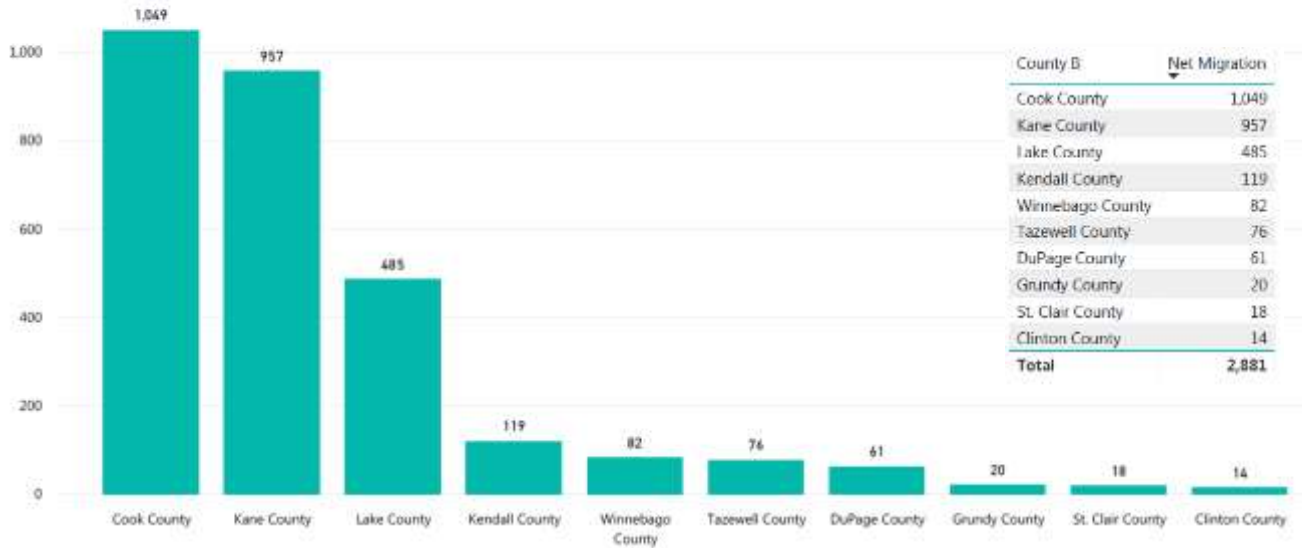
From 2014 to 2019, jobs **increased by 1.3%** in McHenry County, IL from 105,913 to **107,277**. This change **fell short of the national growth rate of 6.9% by 5.6%**.



Timeframe	Jobs
2014	105,913
2015	106,052
2016	106,953
2017	107,700
2018	107,461
2019	107,277
2020	108,070
2021	108,716
2022	109,265
2023	109,734
2024	109,997

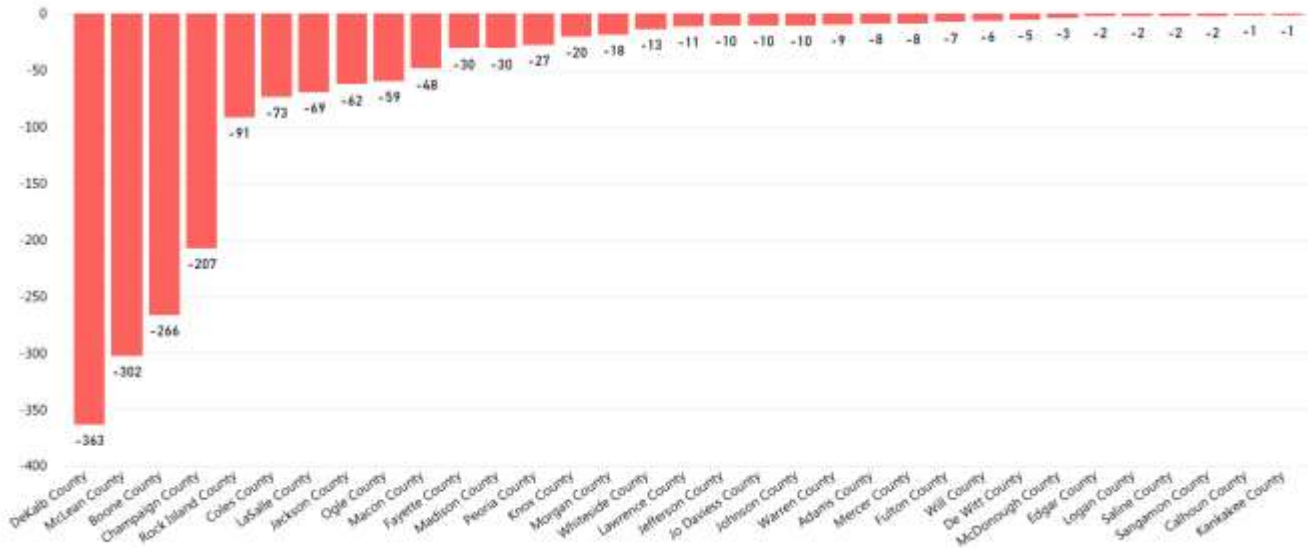
Population Migration: Inflow from Illinois Counties (net)

The graph below shows the origins of migrants relocating to the region. Caution: The census uses the 2-month rule to determine the population in group quarters (e.g. dormitories, mental health facilities, and prisons). If at the time of the survey, the individual expects to reside in that location for the next 2 months then they are counted as a resident.



Population Migration: Outflow to Illinois Counties (net)

The graph below shows the destination of those from the area choosing to relocate elsewhere in Illinois. Caution: The census uses the 2-month rule to determine the population in group quarters (e.g. dormitories, mental health facilities, and prisons). If at the time of the survey, the individual expects to reside in that location for the next 2 months then they are counted as a resident.



Source: <https://www.census.gov/topics/population/migration/guidance/county-to-county-migration-flows/2012-2016.html>

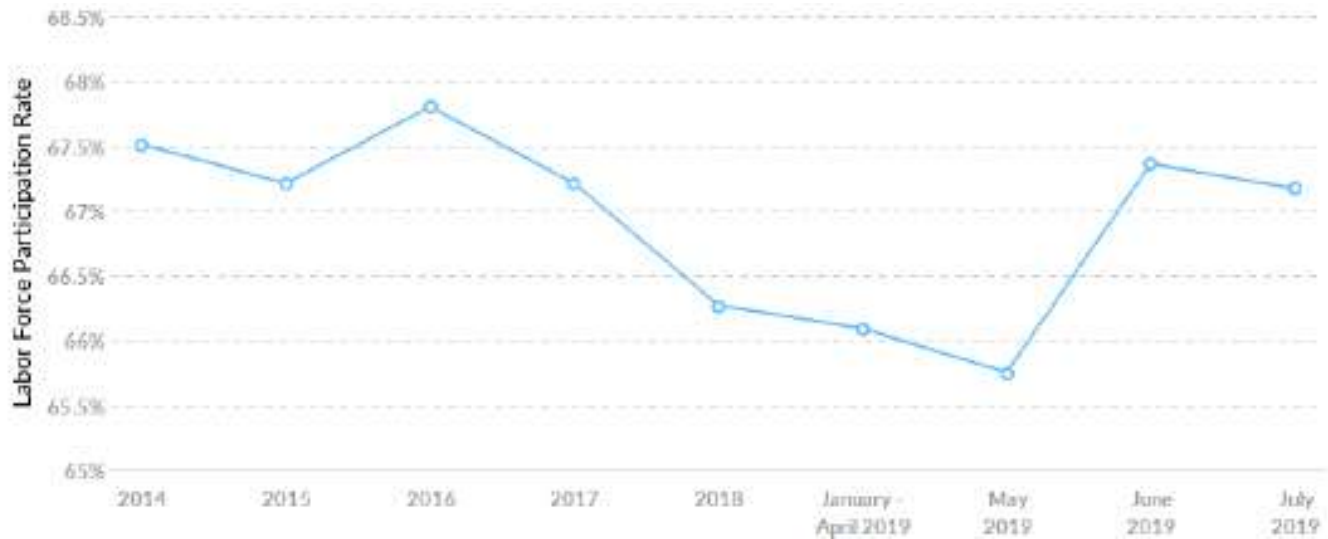
Population: Who is NOT in the Labor Force?

The graphs below provide unofficial estimates of who is not participating in the labor force. If minimal information was available for a particular category or area, then the margin of error was larger. With one exception, the patterns are similar across areas. The exception being females age 20 to 64 with and without young children. In some areas, the percentage of females opting out of the labor force is higher for those with young children. In other areas, the opposite is true (the percentage of females opting out of the labor force is higher for those without young children).



Source: Estimates are based on <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>, Table S2301

Labor Force Participation Rate Trends



Timeframe	Labor Force Participation Rate
2014	67.51%
2015	67.21%
2016	67.80%
2017	67.21%
2018	66.27%
January - April 2019	66.09%
May 2019	65.75%
June 2019	67.36%
July 2019	67.17%

EmsiQ42019DataSet | www.economicmodeling.com

ACS Labor Force Participation

EMPLOYMENT STATUS 2013-2017

American Community Survey 5-Year Estimates



Legend:

Data Classes

Percent

- 55.4 - 62.3
- 65.1 - 68.2
- 69.0 - 72.1
- 73.0 - 75.8
- 77.1 - 81.5

Thematic Map of Labor Force Participation Rate; Estimate; Population 16 years and over
Geography by: Census Tract

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Labor Underutilization for Illinois and the United States, annual averages (percent), 2016-2019

Measure	Illinois				United States			
	2016	2017	2018	2019	2016	2017	2018	2019
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force	3.0	2.3	1.8	1.6	2.1	1.8	1.5	1.4
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force	3.1	2.9	2.4	2.1	2.4	2.3	2.0	1.8
U-3 Total unemployed, as a percent of the civilian labor force (official concept of unemployment) (1)	6.0	5.2	4.5	4.2	5.0	4.7	4.1	3.8
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers (2)	6.4	5.5	4.8	4.4	5.4	5.0	4.4	4.0
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force (2)	7.1	6.2	5.5	5.0	6.1	5.7	5.0	4.7
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force (2)	11.0	9.9	8.8	7.9	9.9	9.2	8.1	7.4

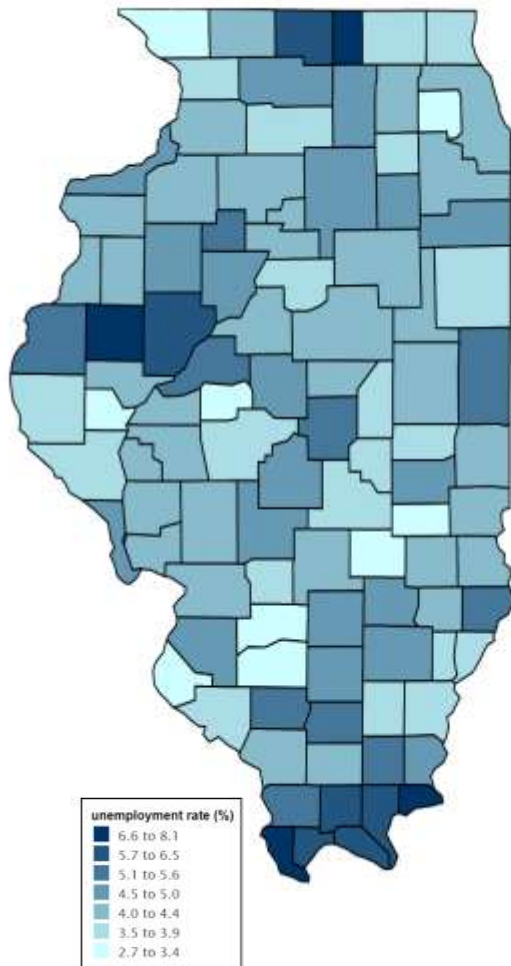
Footnotes:

(1) The U-3 rates presented are unofficial state estimates derived from the Current Population Survey (CPS). The official measure is a model-based estimate available through the Local Area Unemployment Statistics (LAUS) program at www.bls.gov/lau/data.htm.

(2) Persons marginally attached to the labor force are those who currently are neither working nor looking for work but indicate that they want and are available for a job and have looked for work sometime in the past 12 months. Discouraged workers, a subset of the marginally attached, have given a job-market related reason for not currently looking for work. Persons employed part time for economic reasons are those who want and are available for full-time work but have had to settle for a part-time schedule.

UNEMPLOYMENT RATES BY COUNTY Illinois July 2019

not seasonally adjusted



County	July 19	County	July 19	County	July 19	County	July 19
Adams	3.5	Ford	4.4	Livingston	4.1	Randolph	3.7
Alexander	7.1	Franklin	5.1	Logan	4.7	Richland	4
Bond	3.8	Fulton	5.8	Macon	5.4	Rock Island	4.7
Boone	6.8	Gallatin	4.8	Macoupin	4.1	Saint Clair	5.3
Brown	2.7	Greene	4.4	Madison	4.1	Saline	3.9
Bureau	4	Grundy	4.8	Marion	4.5	Sangamon	4.2
Calhoun	4.8	Hamilton	3.6	Marshall	4.2	Schuyler	4.1
Carroll	3.5	Hancock	5.1	Mason	5.3	Scott	3.8
Cass	4.1	Hardin	7.3	Massac	6.1	Shelby	4.7
Champaign	4.2	Henderson	4.4	McDonough	8.1	Stark	5.1
Christian	4.9	Henry	4.4	McHenry	3.5	Stephenson	4.3
Clark	4.3	Iroquois	3.7	McLean	4.1	Tazewell	4.2
Clay	4.6	Jackson	4.1	Menard	3.2	Union	5.2
Clinton	3	Jasper	4.3	Mercer	4.1	Vermilion	5.4
Coles	4.7	Jefferson	4.9	Monroe	3.2	Wabash	3.9
Cook	4.2	Jersey	4.4	Montgomery	4.9	Warren	4.4
Crawford	4.2	Jo Daviess	3.3	Morgan	4.1	Washington	2.7
Cumberland	3.4	Johnson	5.9	Moultrie	3.6	Wayne	4.7
De Witt	4.3	Kane	4.2	Ogle	4.7	White	3.7
Dekalb	4.5	Kankakee	4.6	Peoria	5	Whiteside	4.3
Douglas	3.9	Kendall	3.8	Perry	5.4	Will	4.2
Dupage	3.3	Knox	4.8	Piatt	3.7	Williamson	4.4
Edgar	4.2	La Salle	4.9	Pike	3.9	Winnebago	6.5
Edwards	3.7	Lake	3.8	Pope	5.7	Woodford	3.5
Effingham	3.2	Lawrence	5.2	Pulaski	6		
Fayette	4.2	Lee	3.9	Putnam	4.3		

Source: <https://data.bls.gov/lausmap/>

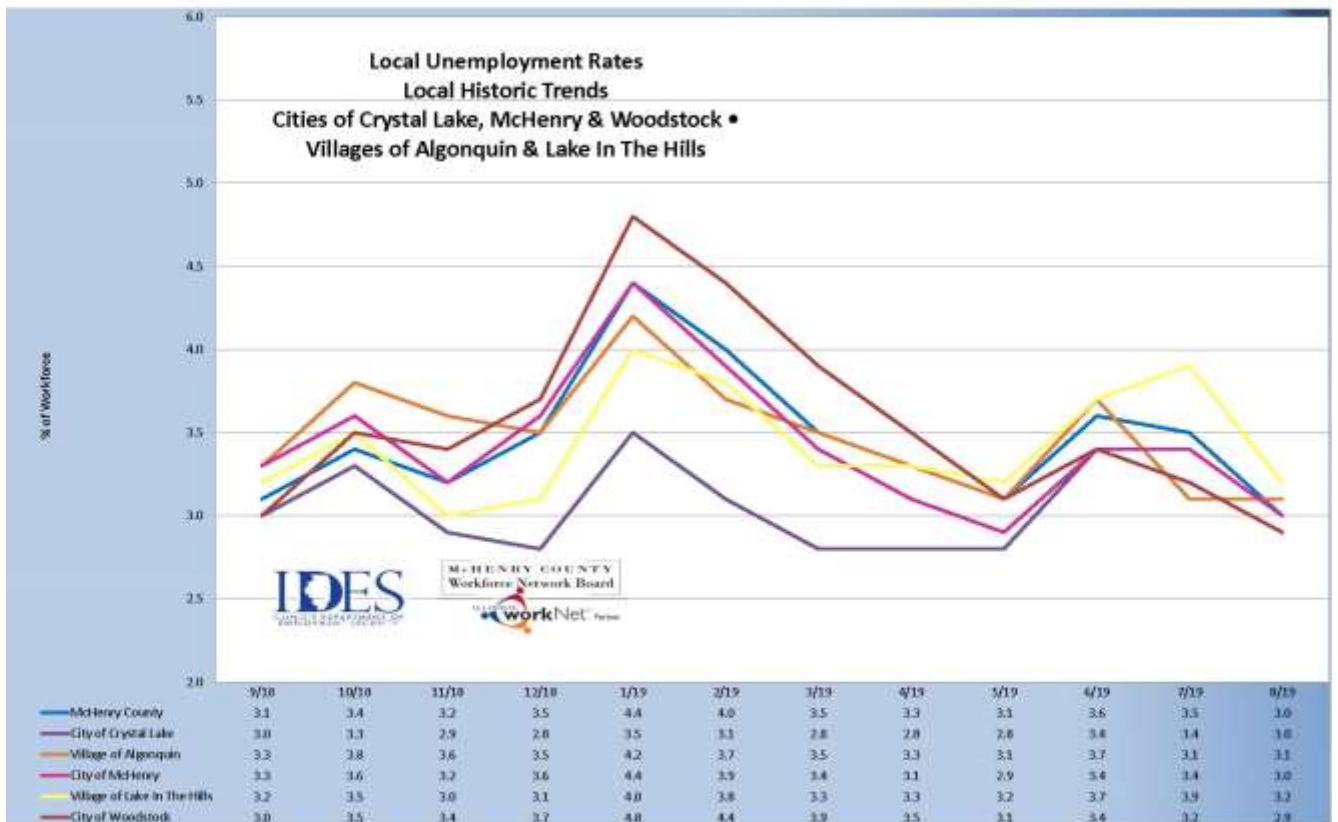
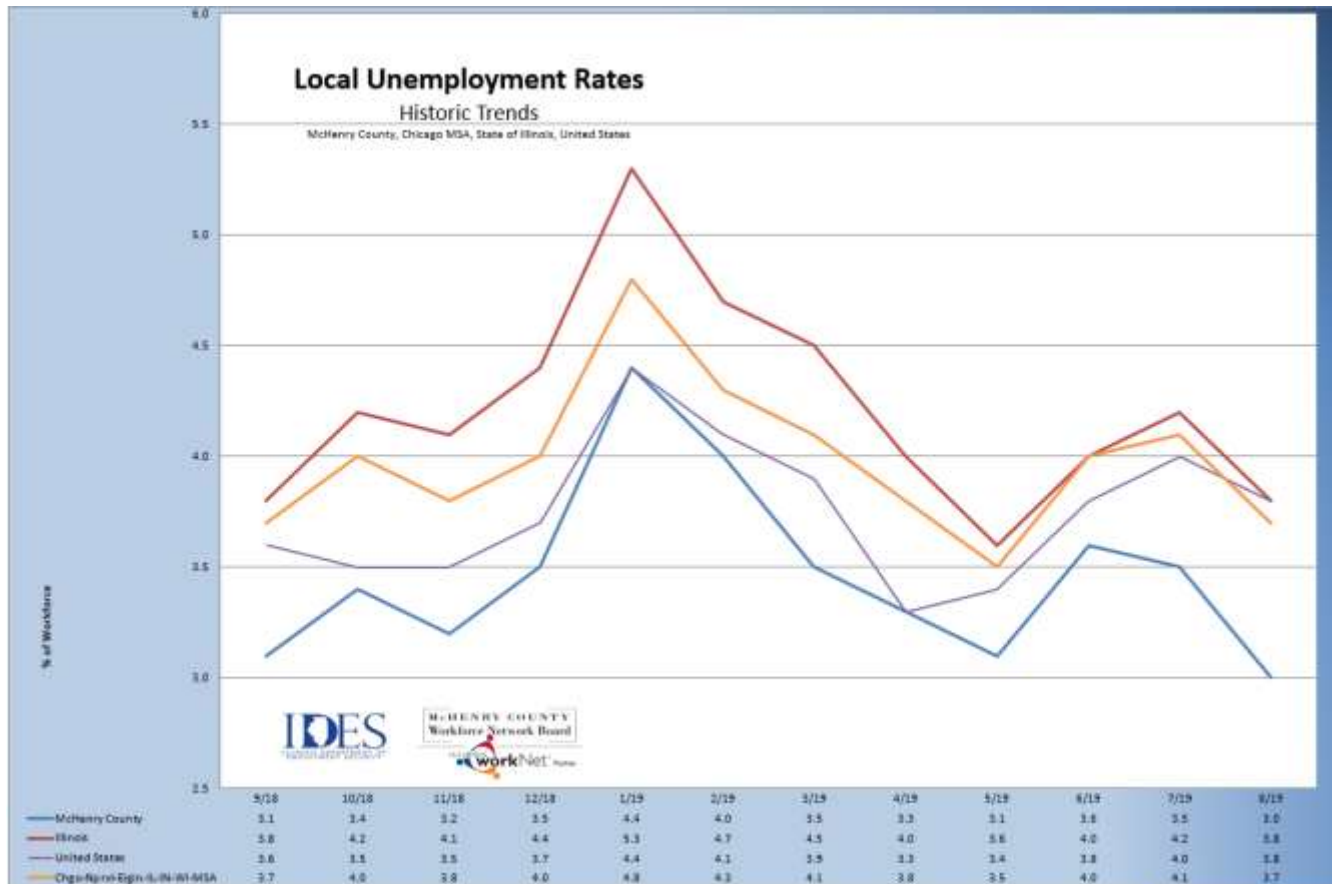
Unemployment Rate Trends

McHenry County, IL had a July 2019 unemployment rate of 3.54%, **decreasing from 6.57%** 5 years before.

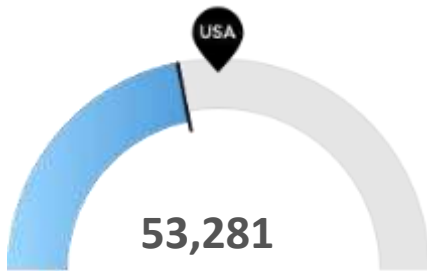


Timeframe	Unemployment Rate
2014	6.57%
2015	5.43%
2016	5.22%
2017	4.36%
2018	3.49%
January - April 2019	3.78%
May 2019	3.06%
June 2019	3.57%
July 2019	3.54%

EmsiQ42019DataSet | www.economicmodeling.com

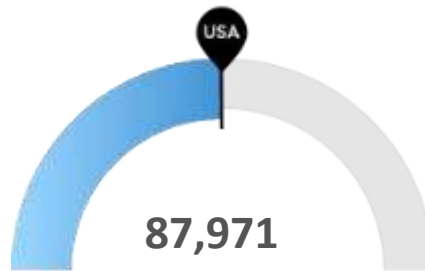


Population Characteristics



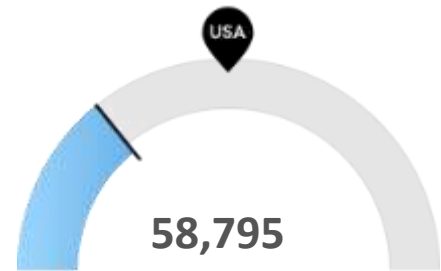
Millennials

McHenry County, IL has 53,281 millennials (ages 20-34). The national average for an area this size is 63,730.



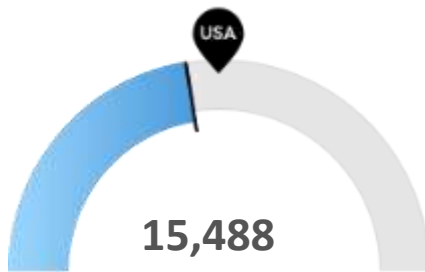
Retiring Soon

Retirement risk is about average in McHenry County, IL. The national average for an area this size is 89,320 people 55 or older, while there are 89,971 here.



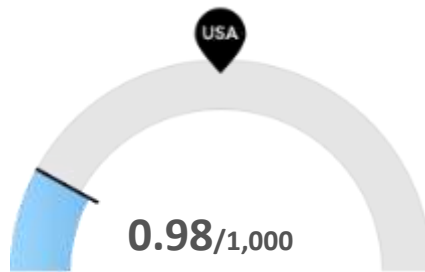
Racial Diversity

Racial diversity is low in McHenry County, IL. The national average for an area this size is 122,252 racially diverse people, while there are 59,795 here.



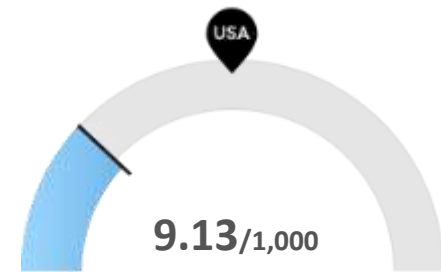
Veterans

McHenry County, IL has 15,488 veterans. The national average for an area this size is 17,971.



Violent Crimes

McHenry County, IL has 0.98 violent crimes per 1,000 people. The national rate is 3.87 per 1,000 people.

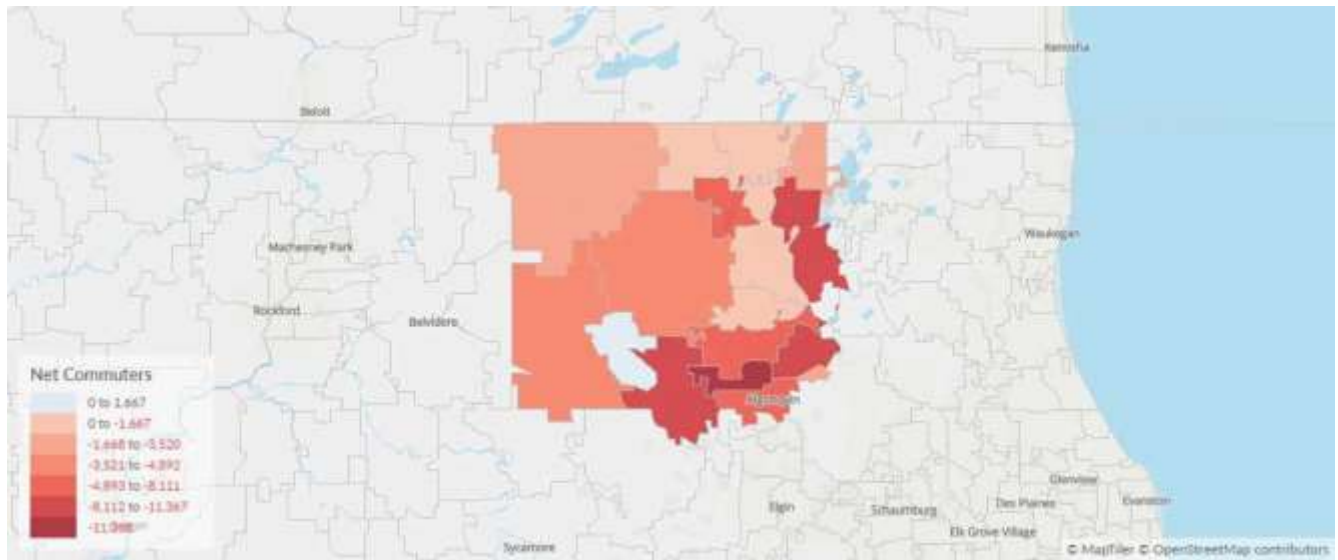


Property Crimes

McHenry County, IL has 9.13 property crimes per 1,000 people. The national rate is 22.98 per 1,000 people.

Place of Work vs Place of Residence

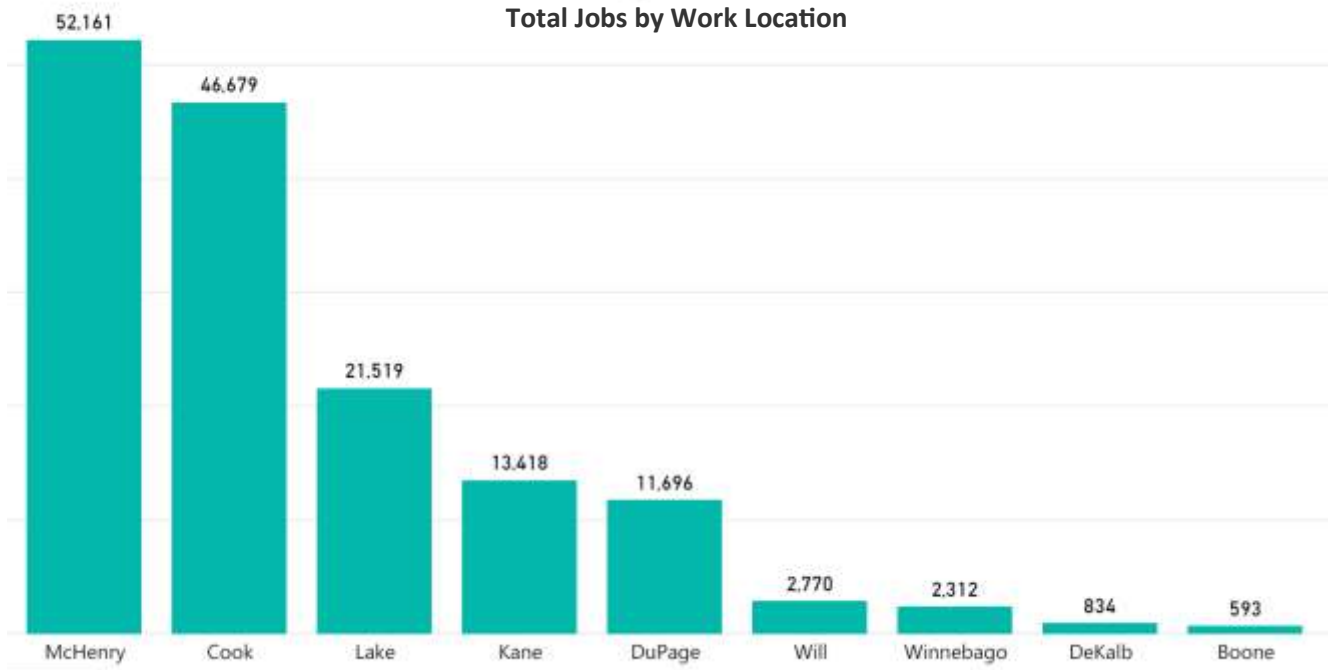
Understanding where talent in McHenry County, IL currently works compared to where talent lives can help you optimize site decisions.



Where Talent Works			Where Talent Lives		
ZIP	Name	2019 Employment	ZIP	Name	2019 Workers
60014	Crystal Lake, IL (in McHenry County)	22,154	60014	Crystal Lake, IL (in McHenry County)	27,289
60050	McHenry, IL (in McHenry County)	14,571	60102	Algonquin, IL (in McHenry County)	19,292
60102	Algonquin, IL (in McHenry County)	13,573	60098	Woodstock, IL (in McHenry County)	16,893
60098	Woodstock, IL (in McHenry County)	12,459	60156	Lake In The Hills, IL (in McHenry County)	16,165
60013	Cary, IL (in McHenry county)	6,388	60050	McHenry, IL (in McHenry County)	15,946

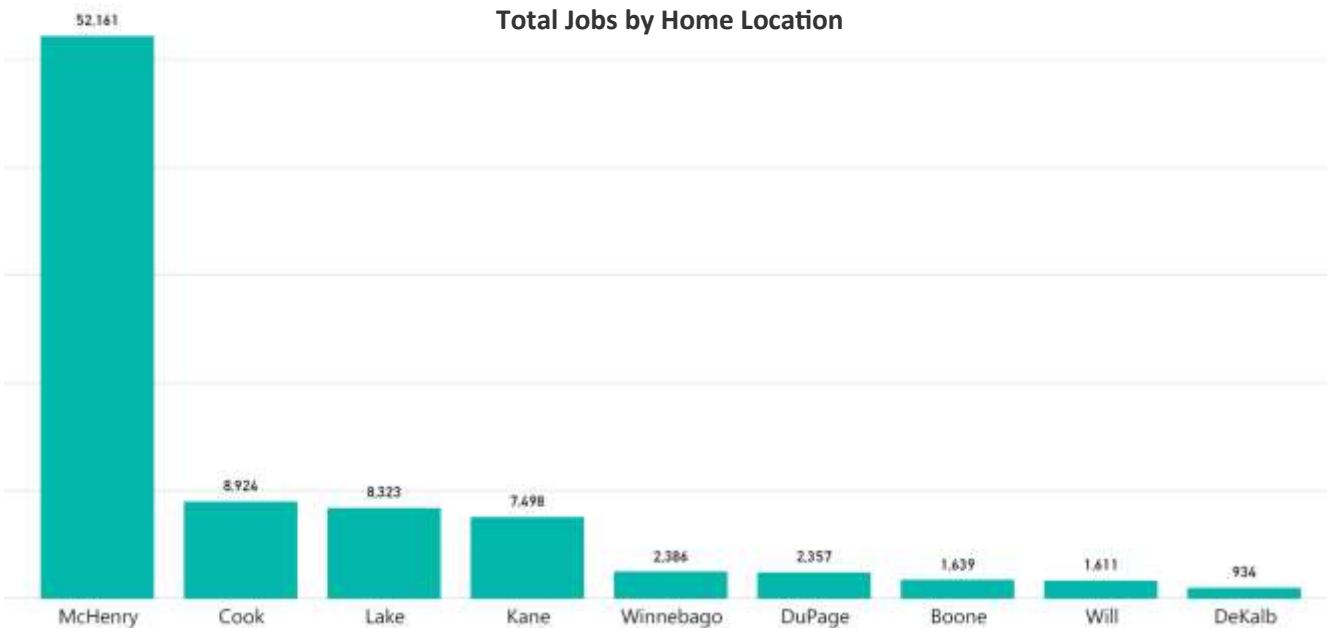
COMMUTING: This graph shows the total number of jobs in 2017 by work location held by McHenry County residents. Note: The data below captures only Illinois workers.

Total Jobs by Work Location

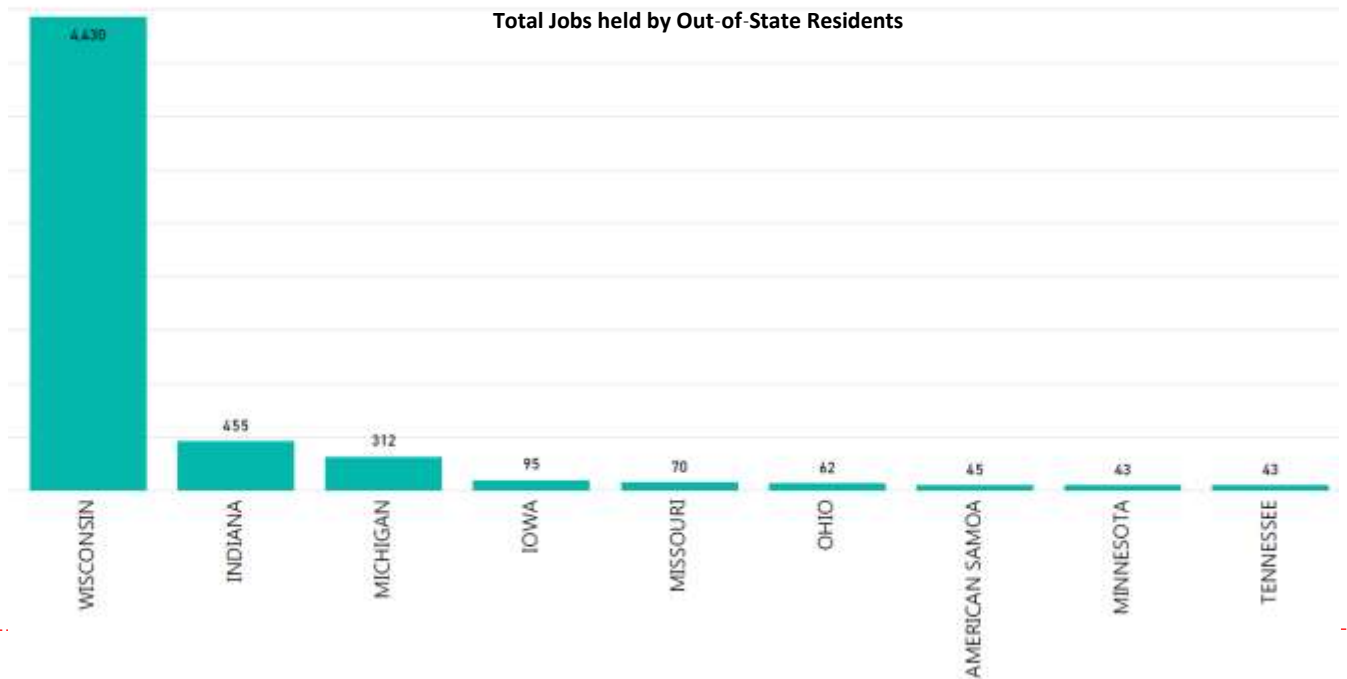


COMMUTING: This graph shows the total number of jobs in 2017 by home location held by McHenry County workers. Note: The data below captures only Illinois workers.

Total Jobs by Home Location

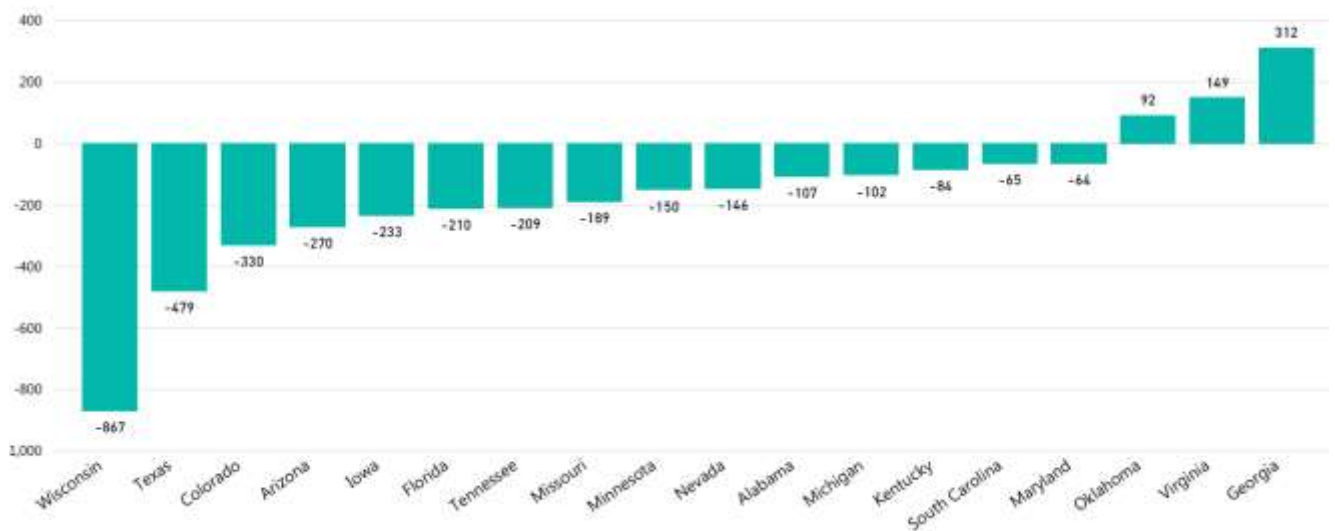


COMMUTING: This graph shows the total number of jobs in 2017 by home state held by out-of-state residents in McHenry County.



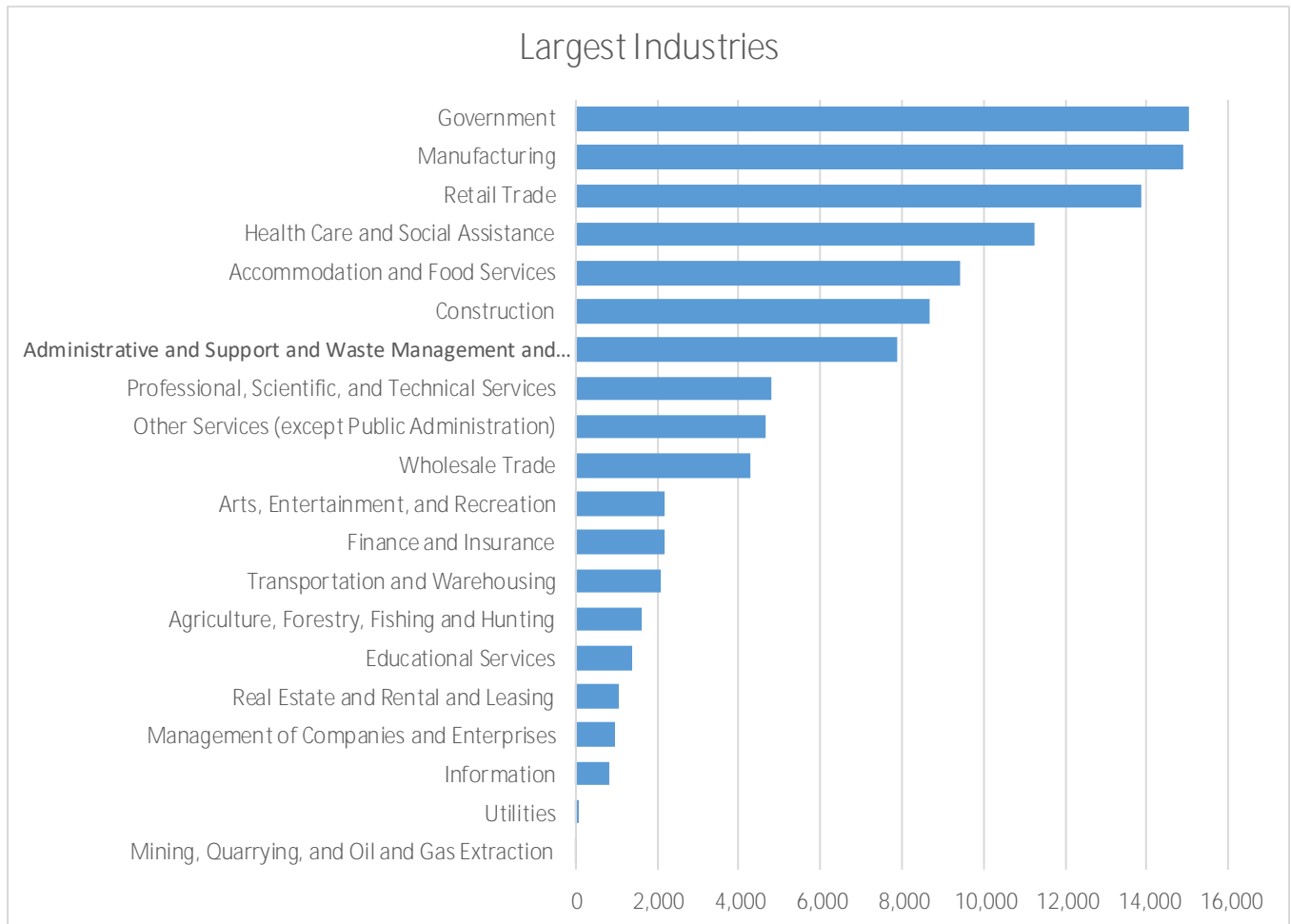
Population Migration: Out-Of-State Net Migration

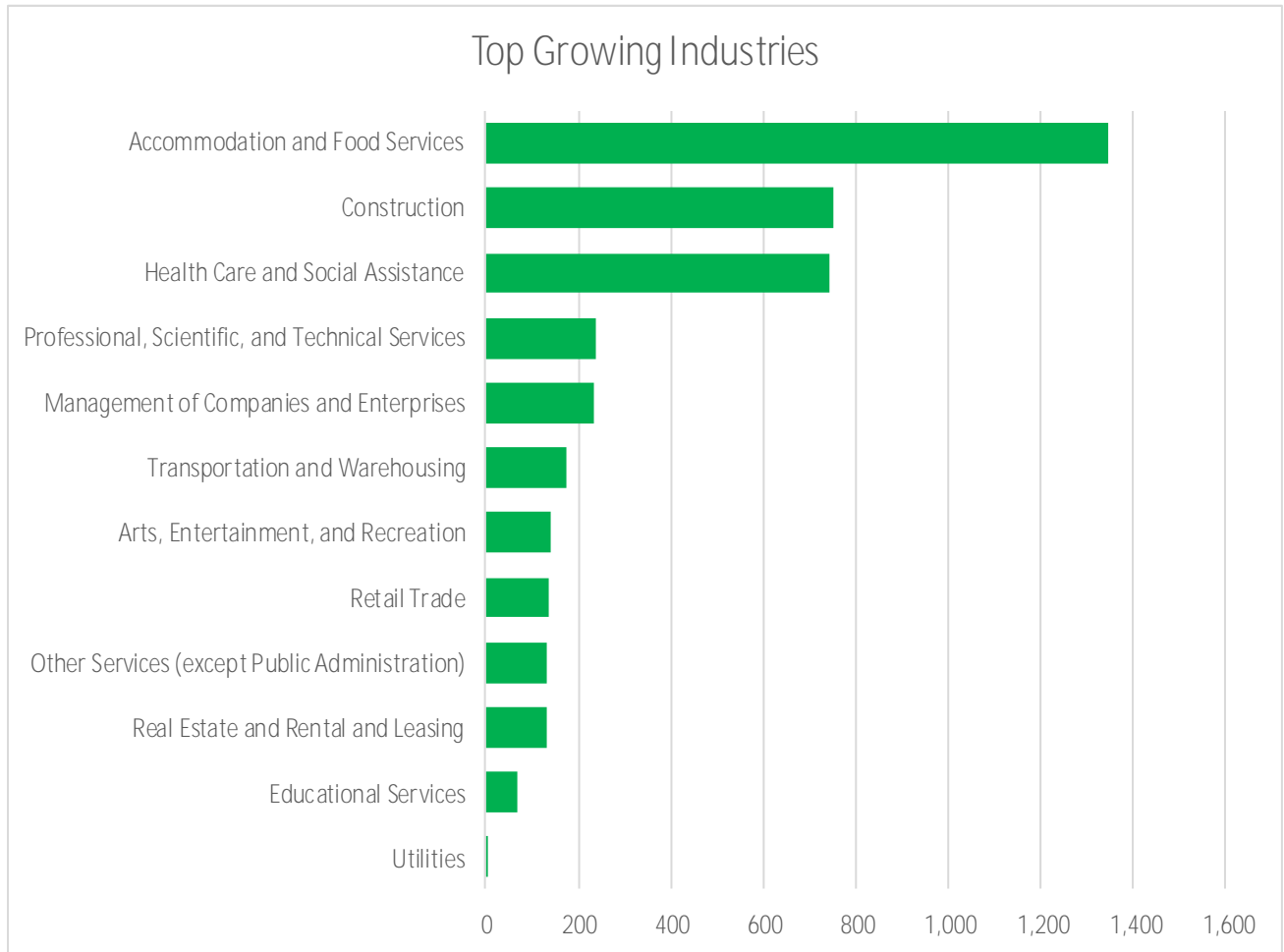
The Pew Charitable Trust released a report in March 2019 on population trends. West Virginia and Illinois were the only two states with fewer residents over that time period (2008 - 2017). The graph below shows the out-of-state migration pattern comparing 2012 with 2016. Note: Outflow is negative.

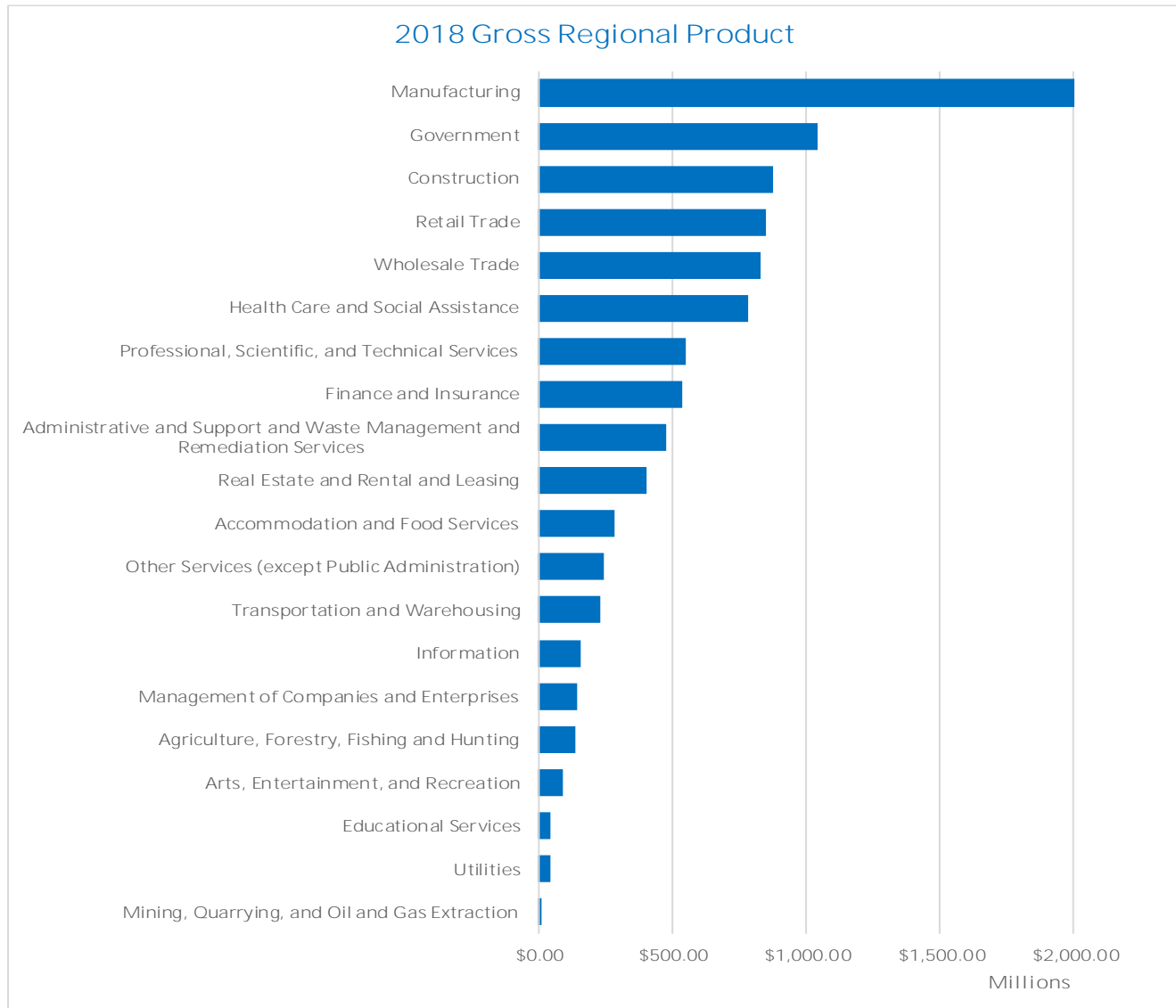


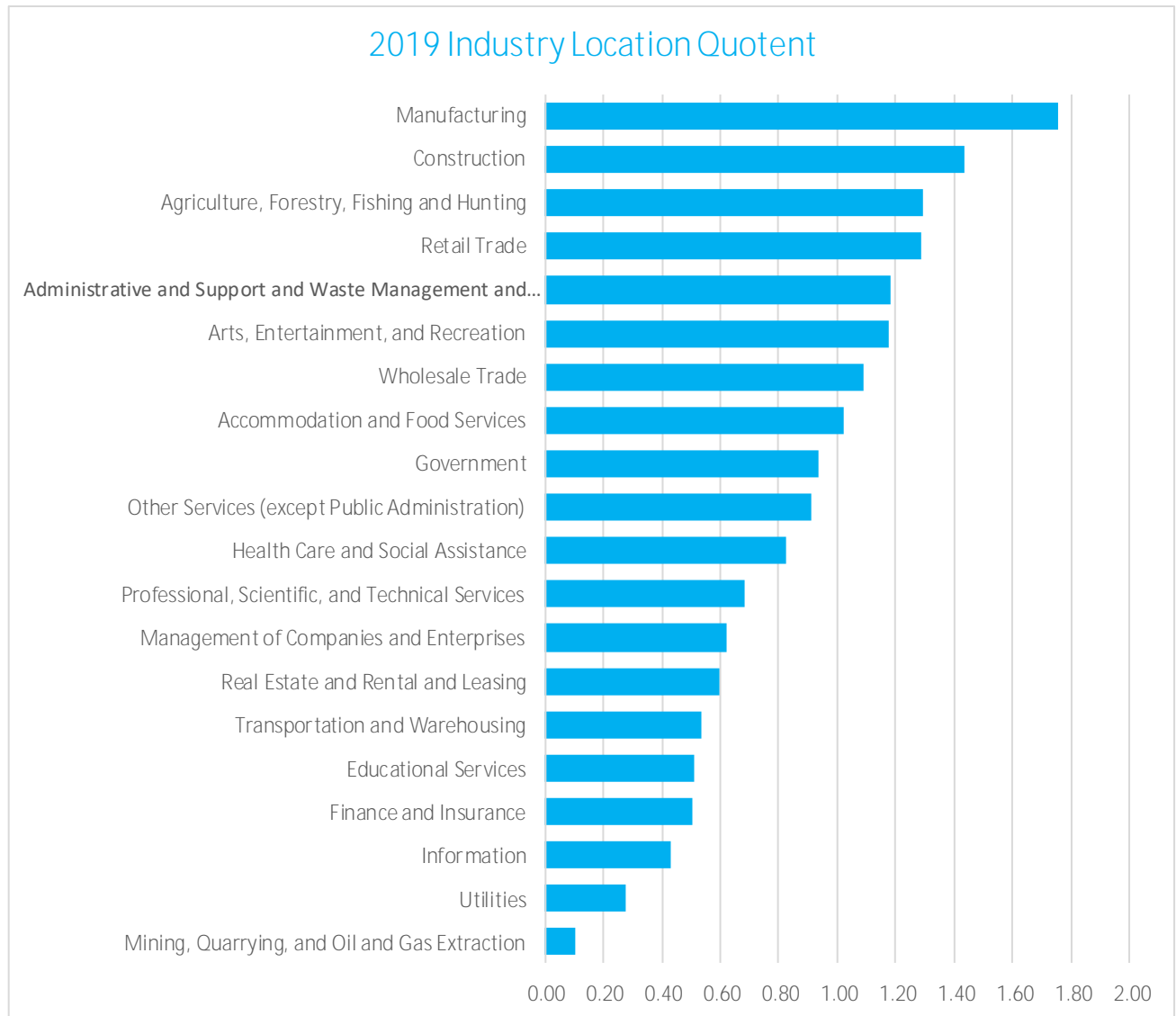
Source: <https://www.census.gov/topics/population/migration/guidance/county-to-county-migration-flows/2012-2016.html>, 2012 - 2016 ACS county-to-county migration

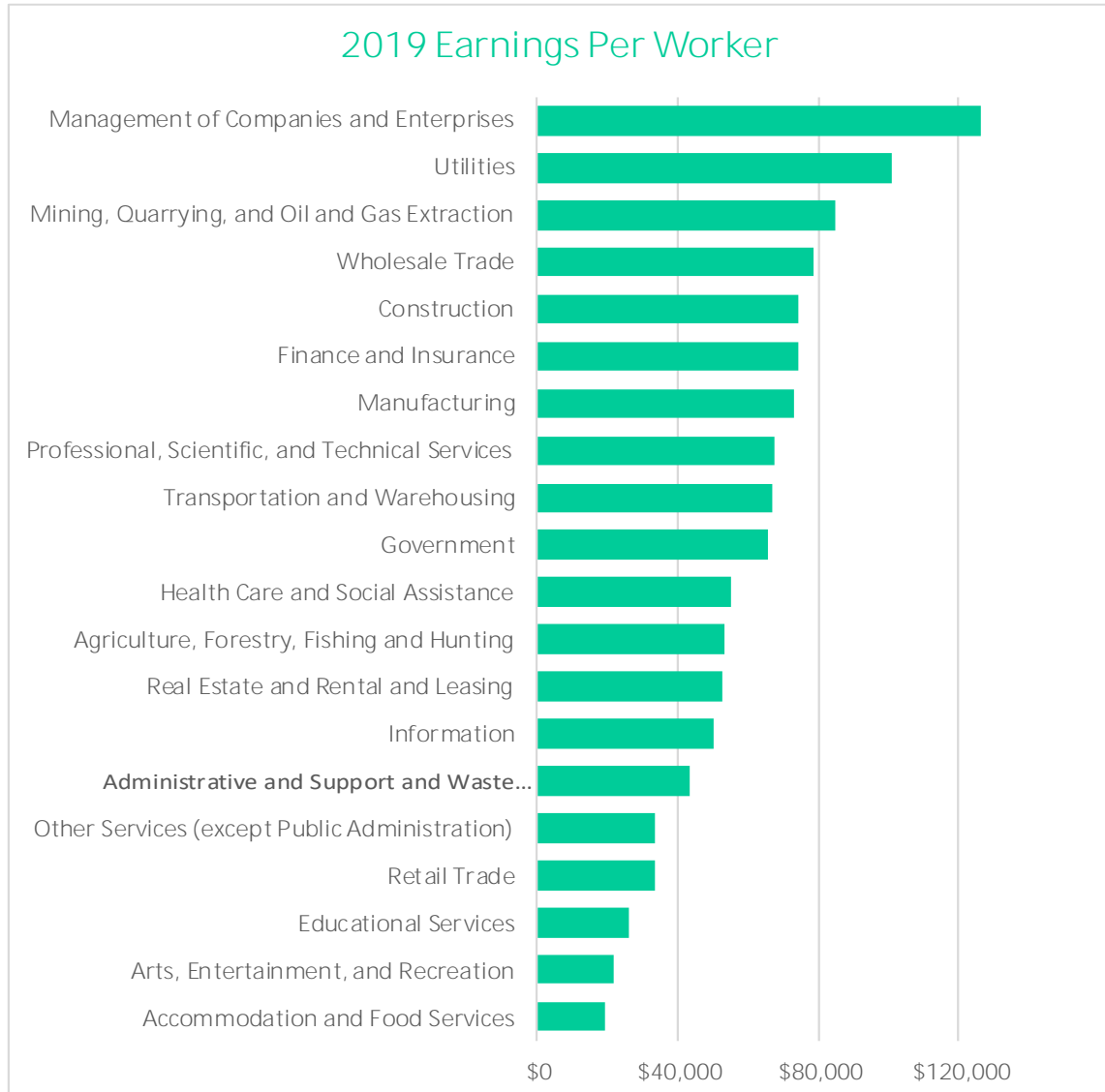
Industry Characteristics











Industry	2013 Jobs	2018 Jobs	Change in Jobs	% Change in Jobs	2018 LQ	2018 Earnings / Worker	2018 GRP
Manufacturing	15,354	15,124	-230	-1%	1.78	\$73,361	\$2.10B
Government	15,250	15,015	-235	-2%	0.93	\$65,554	\$1.05B
Retail Trade	13,674	13,814	140	1%	1.28	\$33,510	\$850.82M
Health Care & Social Assistance	10,434	11,364	930	9%	0.83	\$58,495	\$785.48M
Accommodation & Food Services	7,960	9,357	1,397	18%	1.01	\$19,176	\$285.70M
Construction	7,574	8,689	1,115	15%	1.44	\$74,063	\$883.81M
Administrative & Support & Waste Mgmt. & Remediation Svcs	7,486	7,962	476	6%	1.19	\$43,072	\$483.30M
Professional, Scientific, & Technical Svc	4,405	4,801	396	9%	0.68	\$67,822	\$557.07M
Other Services (except Public Admin)	4,425	4,566	141	3%	0.9	\$33,653	\$242.63M
Wholesale Trade	4,992	4,268	-724	-15%	1.08	\$75,884	\$837.29M
Arts, Entertainment, & Recreation	1,981	2,210	229	12%	1.19	\$21,574	\$90.31M
Finance and Insurance	2,570	2,193	-377	-15%	0.51	\$75,910	\$541.10M
Transportation & Warehousing	1,806	2,088	282	16%	0.53	\$66,185	\$231.14M
Agriculture, Forestry, Fishing & Hunting	1,310	1,615	305	23%	1.29	\$52,778	\$137.06M
Educational Services	1,385	1,390	5	0%	0.5	\$26,175	\$45.04M
Real Estate & Rental and Leasing	911	1,065	154	17%	0.59	\$52,137	\$391.76M
Management of Companies & Enterprises	673	943	270	40%	0.61	\$132,956	\$144.14M
Information	958	855	-103	-11%	0.44	\$51,158	\$161.40M
Utilities	99	101	2	2%	0.27	\$99,345	\$42.15M
Mining, Quarrying, & Oil & Gas Extraction	53	48	-5	-9%	0.11	\$81,717	\$11.58M

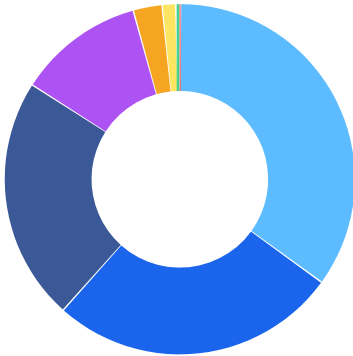
Business Characteristics

34,956 Companies Employ Your Workers

Online profiles for your workers mention 34,956 companies as employers, with the top 10 appearing below. In the last 12 months, 4,236 companies in McHenry County, IL posted job postings, with the top 10 appearing below.

Top Companies	Profiles	Top Companies Posting	Unique Postings
Centegra Health System	902	Uber Technologies, Inc.	1,452
Wal-Mart Stores, Inc.	482	CRST International, Inc.	1,168
Sears Holdings Corporation	392	Northwestern Memorial Hospital	796
JPMorgan Chase & Co.	378	Express Services Inc	768
Motorola Solutions, Inc.	351	Soliant Health, Inc	607
McHenry County College	280	Roehl Transport, Inc.	559
AT&T Inc.	271	U. S. Xpress, Inc.	550
Walgreens Boots Alliance, Inc.	260	Care.com, Inc.	511
Jewel-Osco Inc.	238	Assurance	474
Baxter International Inc.	222	Sunbelt Staffing, LLC	472

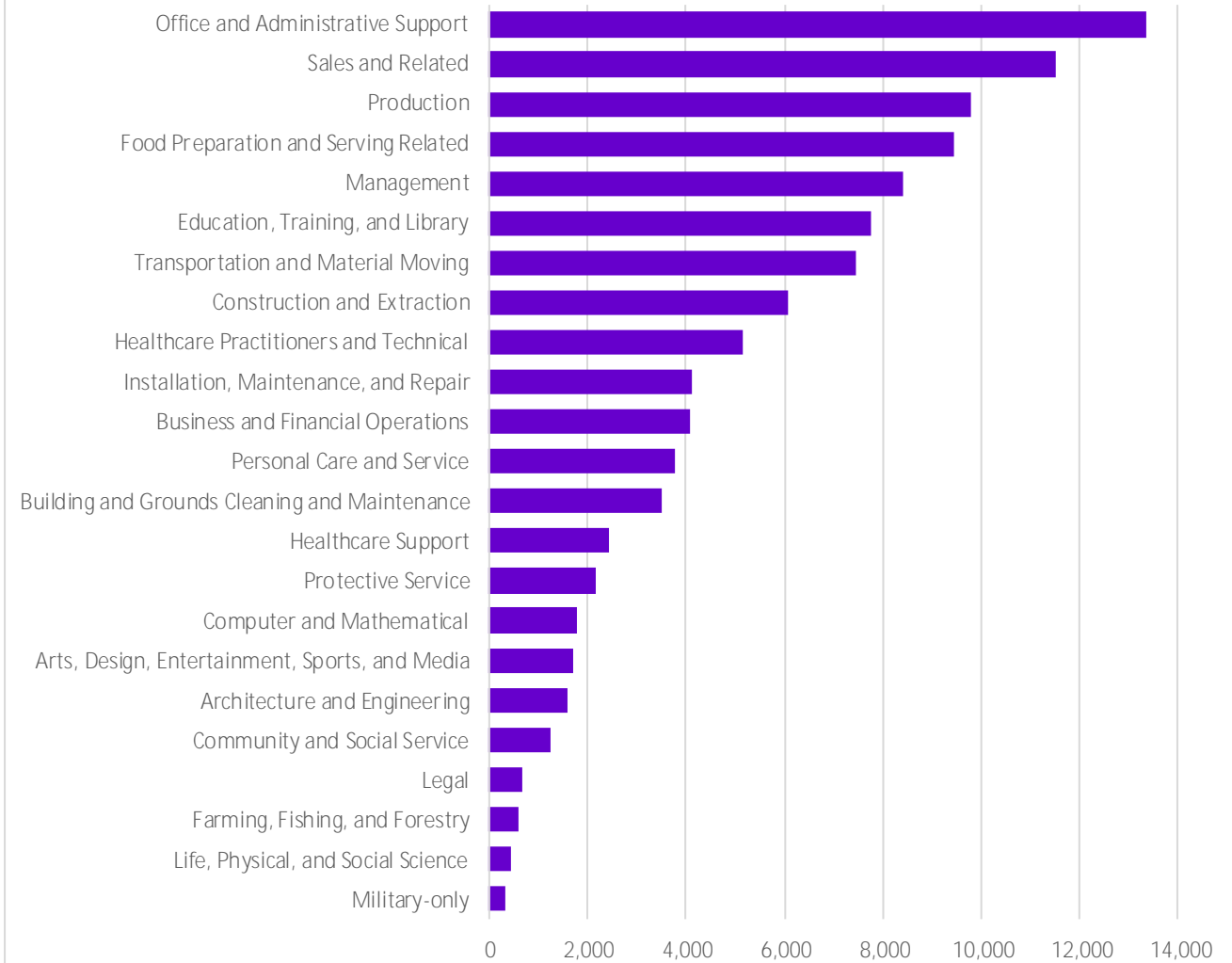
Business Size

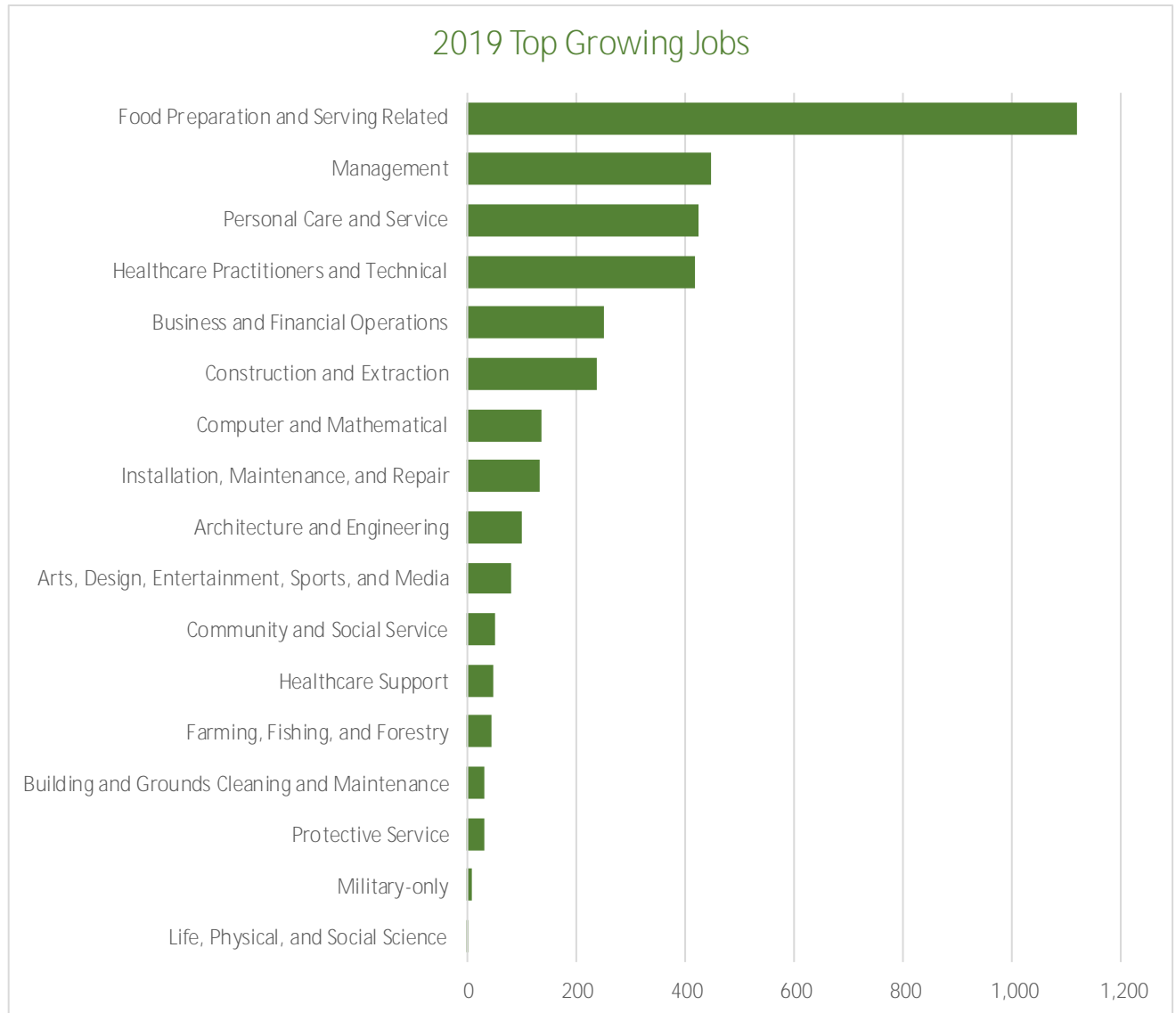


		Percentage	Business Count
A	1 to 4 employees	34.9%	3,754
A	5 to 9 employees	26.6%	2,857
A	10 to 19 employees	22.5%	2,414
A	20 to 49 employees	11.7%	1,252
A	50 to 99 employees	2.7%	286
A	100 to 249 employees	1.3%	136
A	250 to 499 employees	0.3%	35
A	500+ employees	0.1%	12

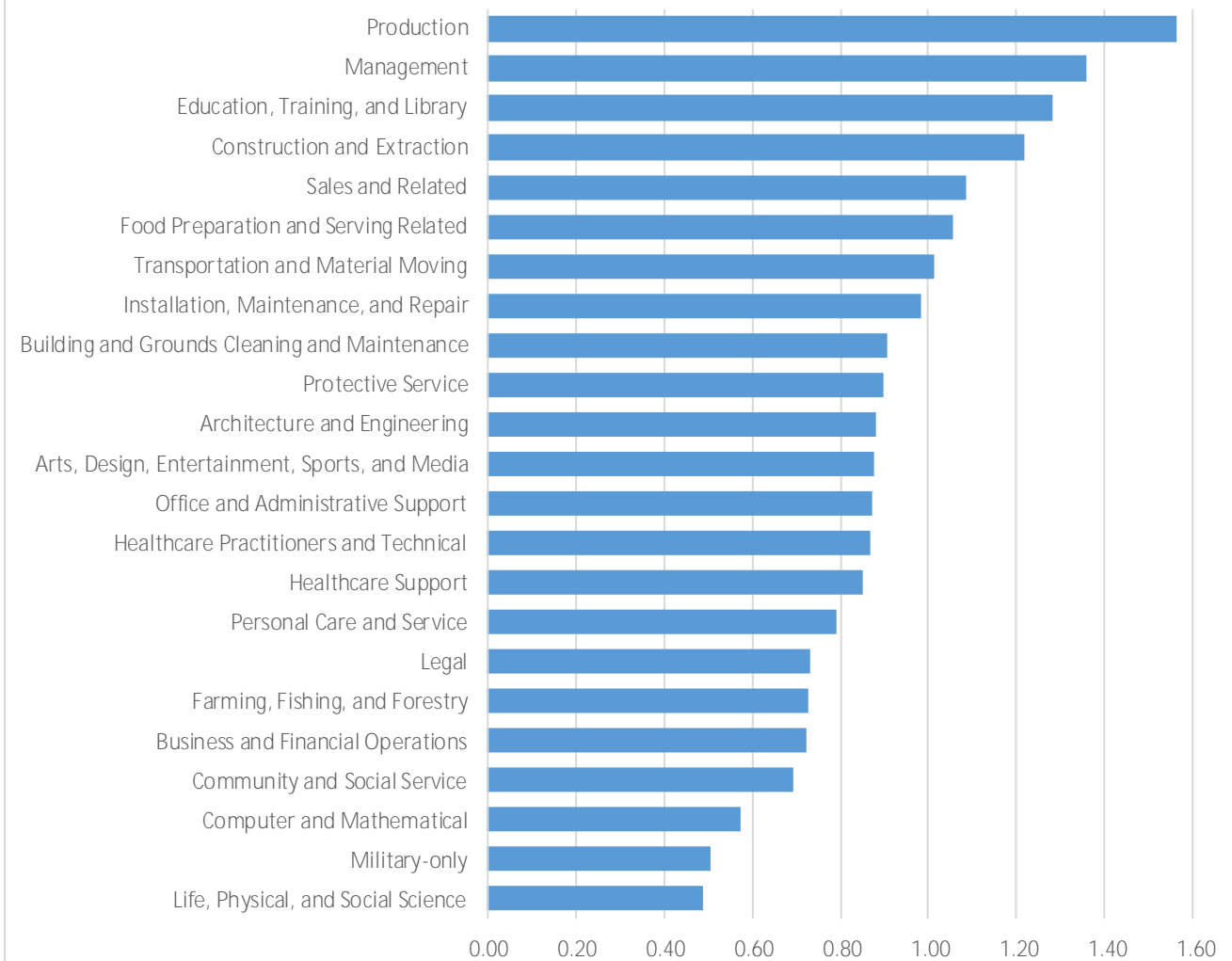
*Business Data by DatabaseUSA.com is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data. In most cases, the Business Count will not match total companies with profiles on the summary tab.

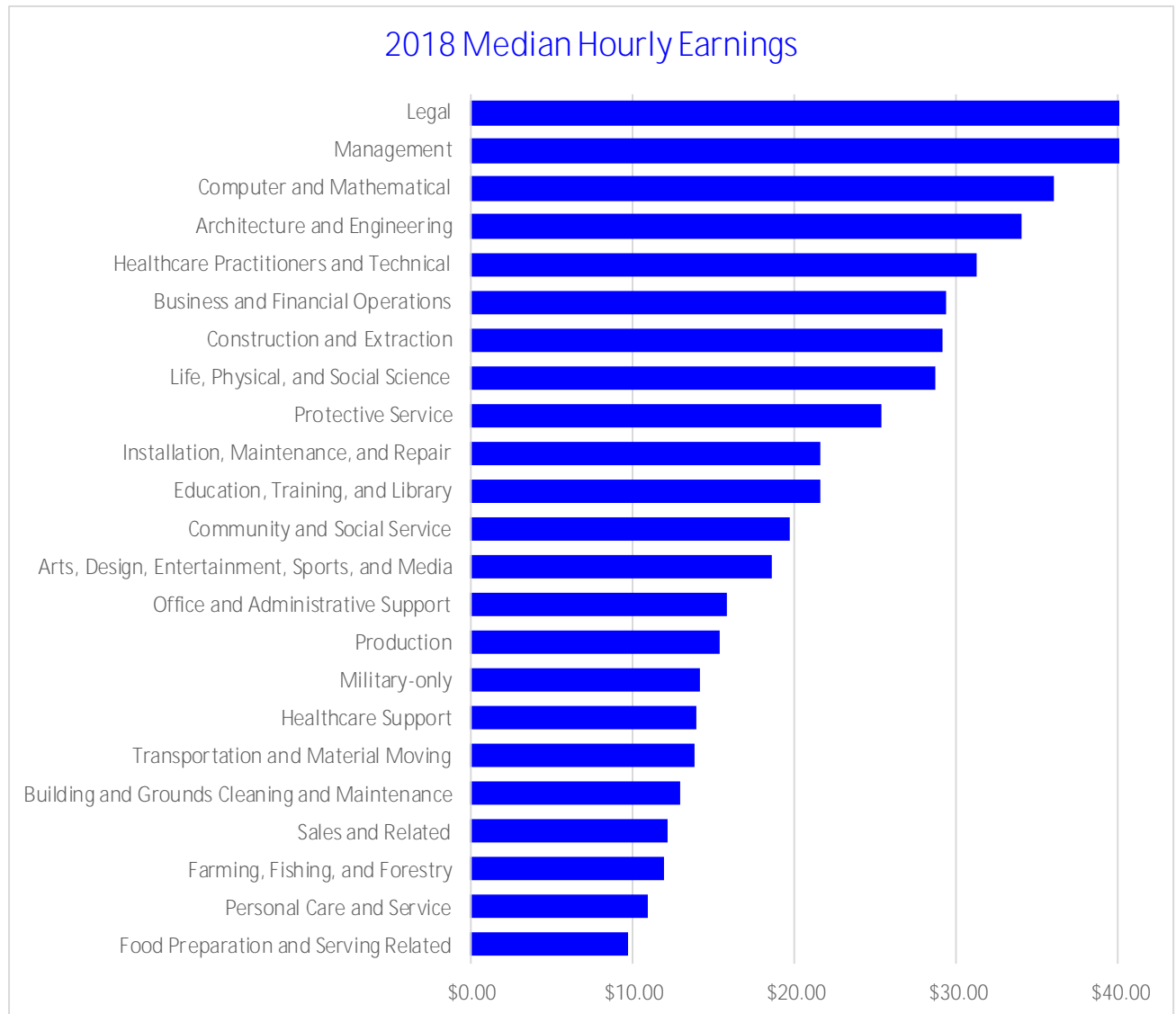
2019 Largest Occupations

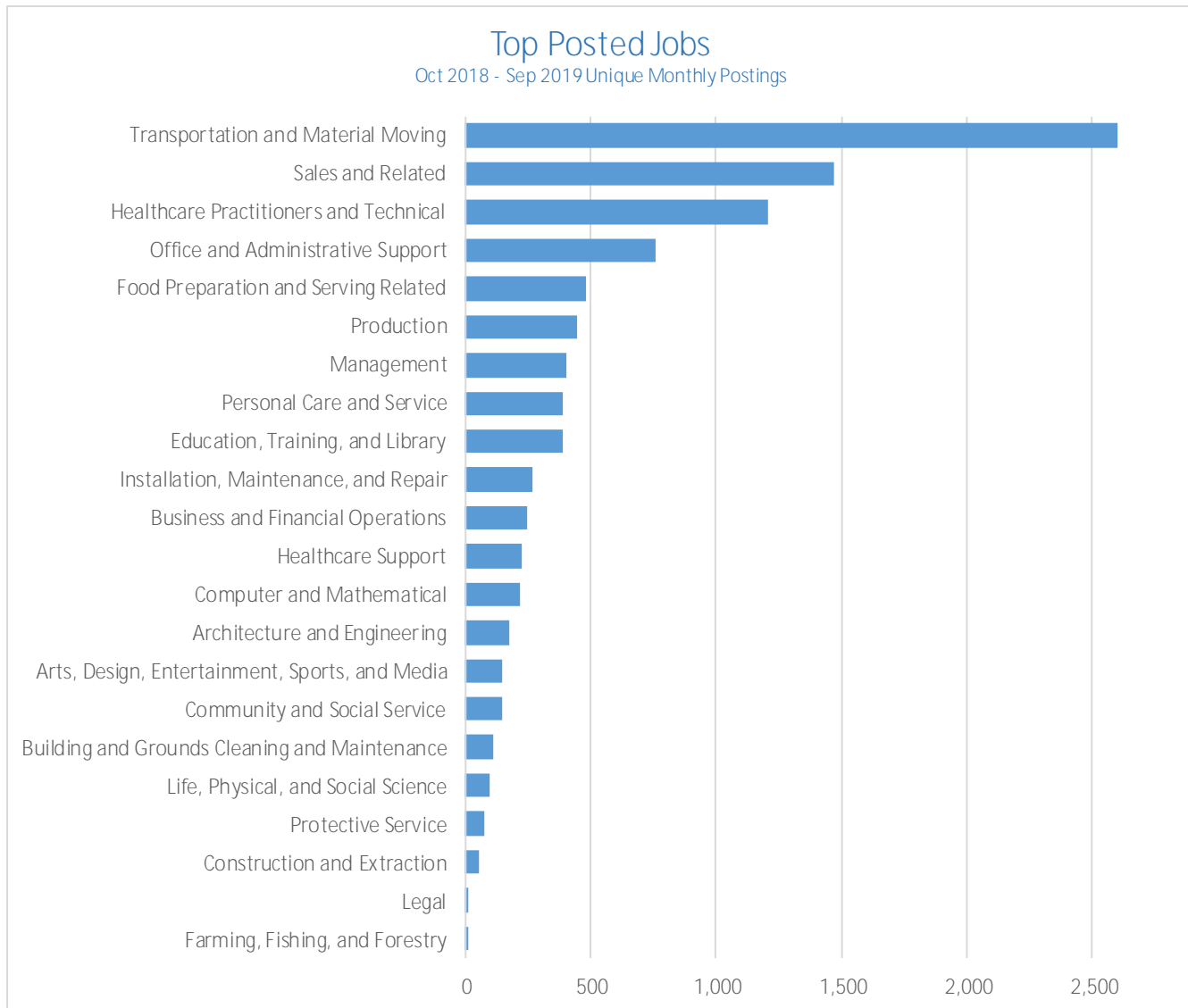




2019 Top Occupation Location Quotient



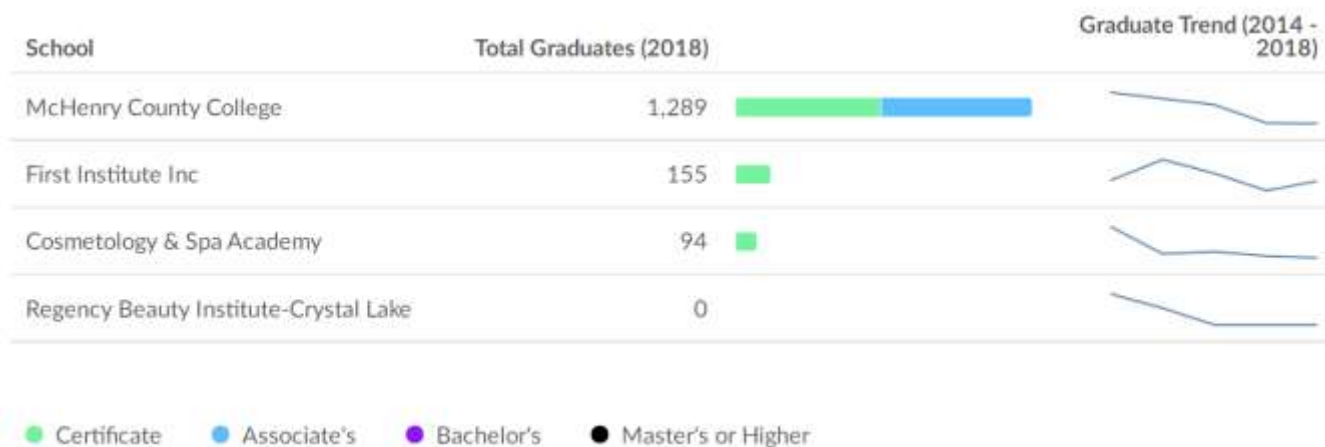




Occupation Jobs	2014 Jobs	2019 Jobs	Change in Jobs	% Change in Jobs	2019 LQ	2018 Median Hourly Earnings	Oct 2018 - Sep 2019 Unique Monthly Postings
Office and Administrative Support	14,154	13,349	(805)	(6%)	0.87	\$15.84	762
Production	10,573	9,775	(798)	(8%)	1.56	\$15.33	444
Sales and Related	11,835	11,516	(319)	(3%)	1.08	\$12.14	1,471
Transportation and Material Moving	7,666	7,465	(201)	(3%)	1.01	\$13.86	2,604
Education, Training, and Library	7,814	7,755	(59)	(1%)	1.28	\$21.62	386
Legal	666	652	(14)	(2%)	0.73	\$41.32	11
Life, Physical, and Social Science	421	422	1	0%	0.49	\$28.76	97
Military-only	315	324	9	3%	0.50	\$14.17	0
Protective Service	2,119	2,149	30	1%	0.90	\$25.40	77
Building and Grounds Cleaning and Maintenance	3,486	3,516	30	1%	0.90	\$12.92	110
Farming, Fishing, and Forestry	539	582	43	8%	0.73	\$11.94	10
Healthcare Support	2,402	2,449	47	2%	0.85	\$13.91	227
Community and Social Service	1,200	1,251	51	4%	0.69	\$19.71	145
Arts, Design, Entertainment, Sports, and Media	1,628	1,709	81	5%	0.88	\$18.64	148
Architecture and Engineering	1,488	1,589	101	7%	0.88	\$34.02	174
Installation, Maintenance, and Repair	3,981	4,114	133	3%	0.98	\$21.63	270
Computer and Mathematical	1,645	1,780	135	8%	0.57	\$36.03	220
Construction and Extraction	5,822	6,061	239	4%	1.22	\$29.13	56
Business and Financial Operations	3,817	4,068	251	7%	0.72	\$29.38	242
Healthcare Practitioners and Technical	4,748	5,166	418	9%	0.87	\$31.27	1,209
Personal Care and Service	3,332	3,756	424	13%	0.79	\$10.92	392
Management	7,950	8,397	447	6%	1.36	\$40.69	404
Food Preparation and Serving Related	8,313	9,432	1,119	13%	1.06	\$9.76	478

Educational Pipeline

In 2018, there were 1,538 graduates in McHenry County, IL. This pipeline has shrunk by 27% over the last 5 years. The highest share of these graduates come from Biological and Physical Sciences, Nursing Assistant/Aide and Patient Care Assistant/Aide, and Medical/Clinical Assistant.



EmsiQ32019DataSet | www.economicmodeling.com

Education Statistics:

According to the National Center for Educational Statistics, the number of high school graduates is expected to increase 5% nation-wide by 2027. In comparison, the number of high school graduates in Illinois is expected to decrease by 2.7% during the same time period. The graphs below provide a comparison of educational attainment changes over time.

2018 Education Attainment in McHenry County, IL

Less than Ninth Grade	Ninth thru Twelfth Grade, No Diploma	High School Graduate	Some College, No Degree	Associate's Degree	Bachelor's Degree	Graduate or Professional Degree
3.9%	3.8%	26.6%	24.2%	8.6%	22.0%	10.9%

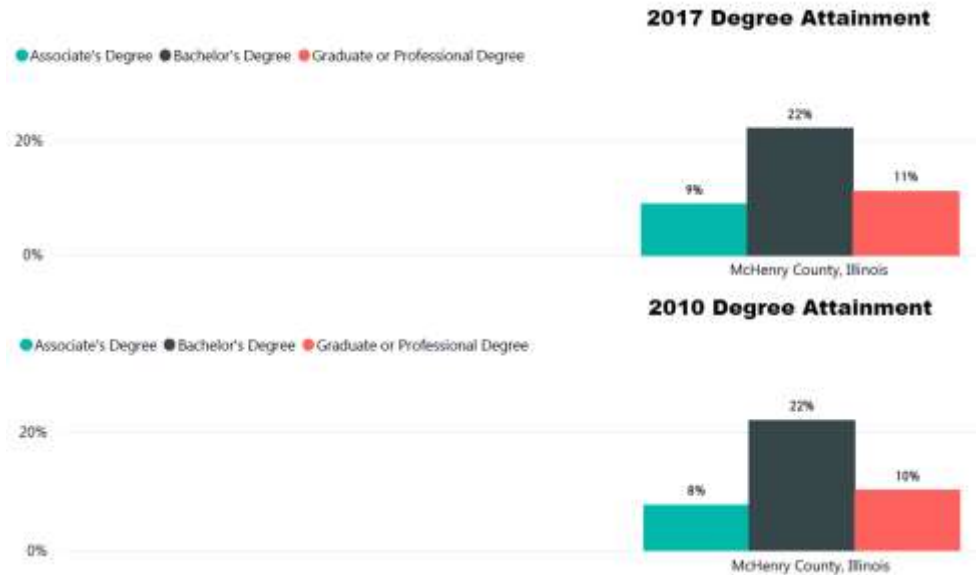
2010 Education Attainment in McHenry County, IL

Less than Ninth Grade	Ninth thru Twelfth Grade, No Diploma	High School Graduate	Some College, No Degree	Associate's Degree	Bachelor's Degree	Graduate or Professional Degree
3.3%	5.0%	27.7%	24.3%	7.7%	21.9%	10.2%

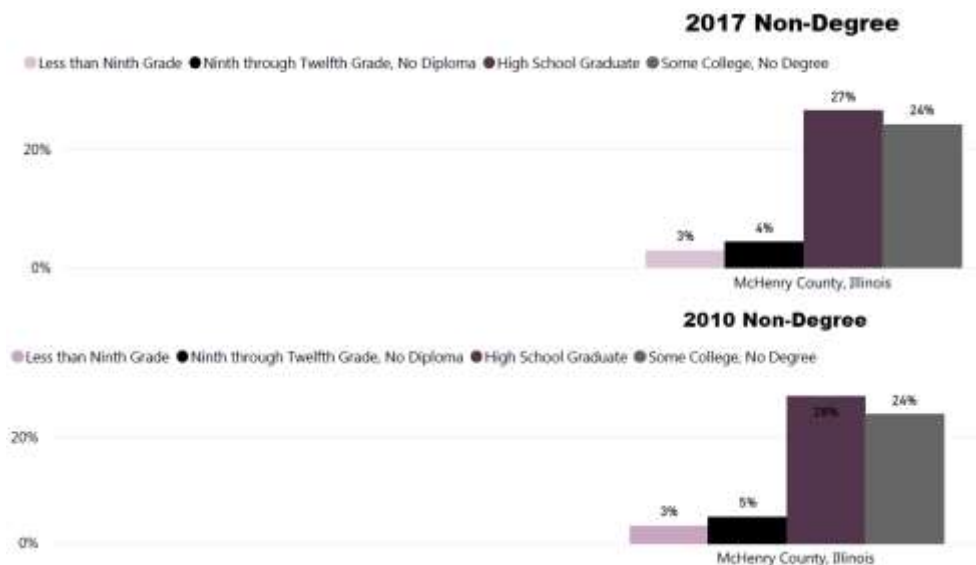
Source: <https://factfinder.census.gov/>

Education Statistics: Degree Attainment, Adults 25 and Older

In comparison, the percent of Illinois adults with an associate's degree was 8% in 2017. At the same time, 21% of Illinois adults hold a bachelor's degree and 13% of Illinois adults have earned a graduate or professional degree.



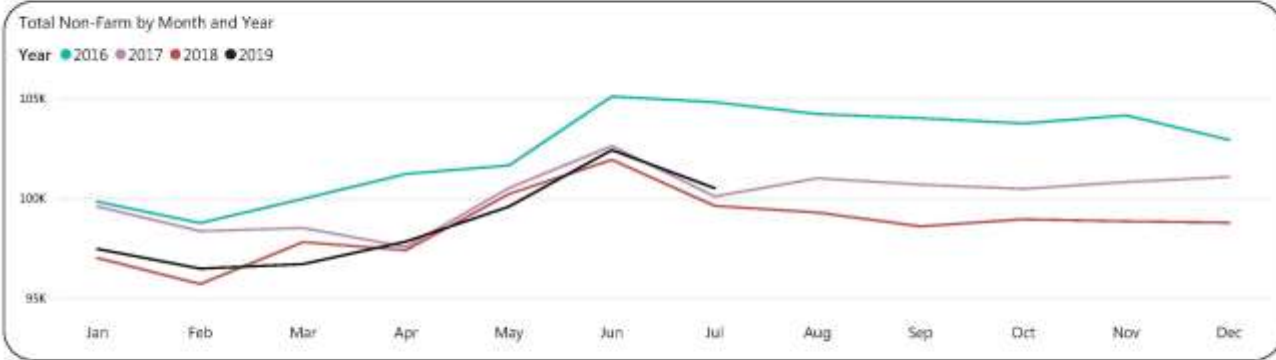
In comparison, the percent of Illinois adults with less than a ninth grade education was 5% in 2017. The percent of Illinois adults with no diploma was 6%. Twenty-six percent of Illinois adults report a high school diploma as their highest education level and 21% of Illinois adults have some college education without a degree.



Source: <https://factfinder.census.gov/>

Employment by Month and Year - Total Non-Farm

Statewide employment in Total Non-Farm increased by +1.27% from 2018 to 2019.

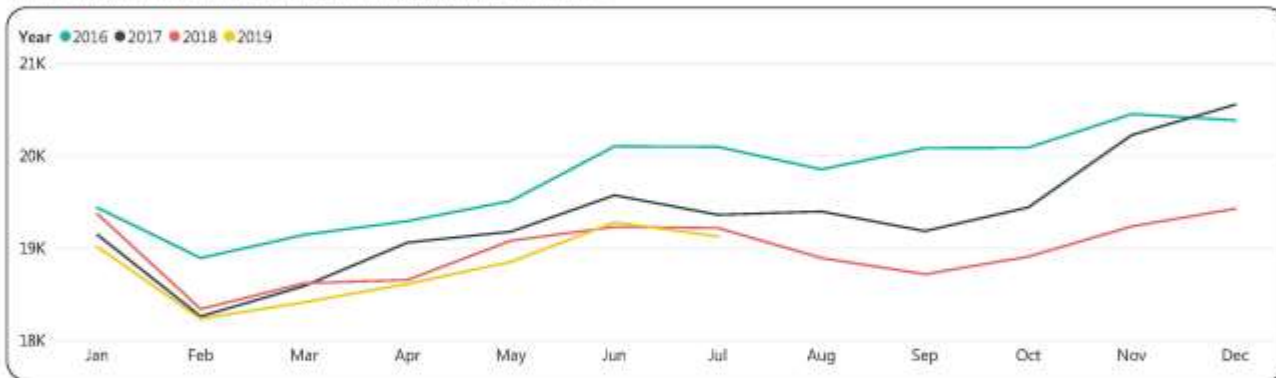
% Change from
2018 to 2019

0.89%

Source: <http://www.ides.illinois.gov/imi/Pages/Data/Statistics.aspx>, Current Employment Statistics (CES)

Employment by Month and Year - Trade, Transportation, & Utilities

Statewide employment in Trade, Transportation, & Utilities increased by +0.76% from 2018 to 2019.



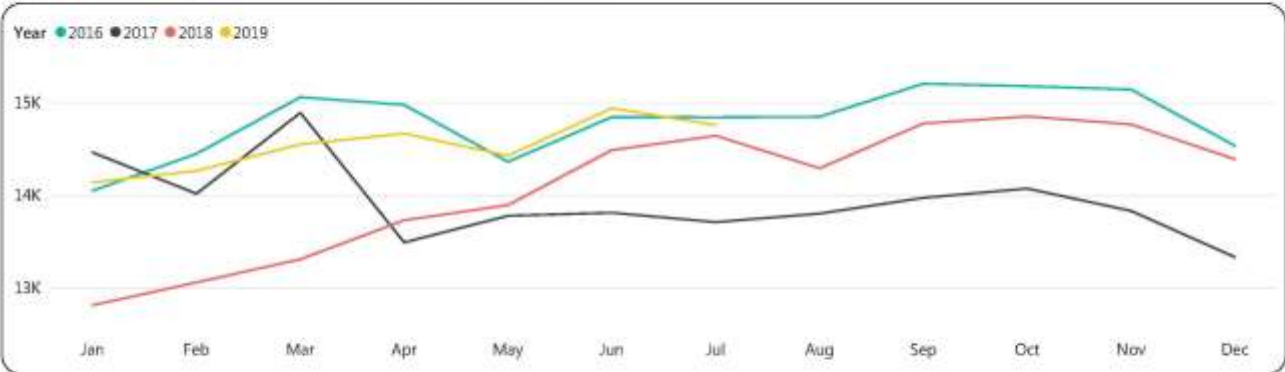
% Change from 2018 to 2019

-0.47%

Source: <http://www.ides.illinois.gov/imi/Pages/Data/Statistics.aspx>, Current Employment Statistics (CES)

Employment by Month and Year - Professional & Business Services

Statewide employment in Professional & Business Services increased by +1.28% from 2018 to 2019.



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	14,052	14,451	15,062	14,979	14,364	14,847	14,845	14,851	15,207	15,181	15,144	14,538
2017	14,465	14,019	14,894	13,494	13,781	13,814	13,713	13,805	13,975	14,075	13,834	13,335
2018	12,816	13,062	13,312	13,733	13,897	14,490	14,646	14,294	14,778	14,854	14,768	14,393
2019	14,142	14,266	14,553	14,669	14,430	14,943	14,760					

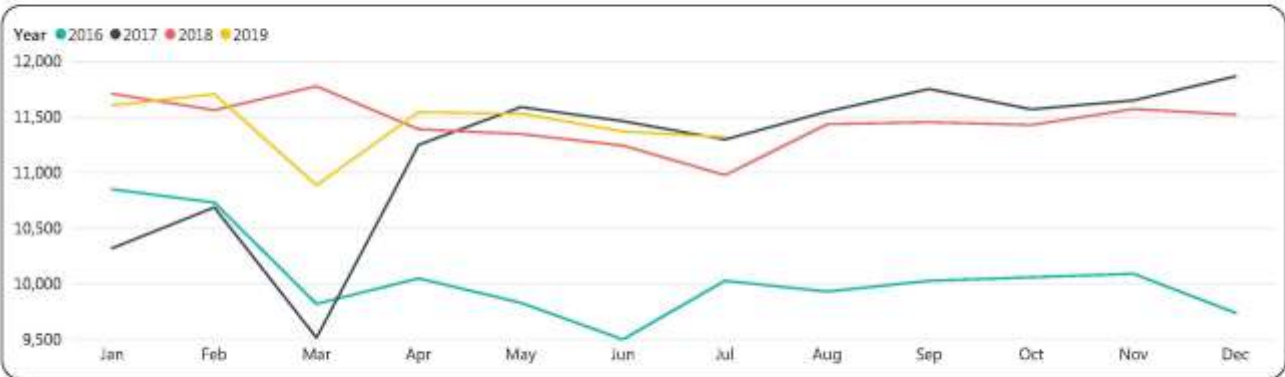
% Change from 2018 to 2019

0.78%

Source: http://www.ides.illinois.gov/fm/Pages/Data_Statistics.aspx, Current Employment Statistics (CES)

Employment by Month and Year - Educational & Health Services

Statewide employment in Educational & Health Services increased by +1.79% from 2018 to 2019. Note: Government employment includes public education whereas Education & Health Services includes private education.



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	10,853	10,733	9,822	10,051	9,832	9,502	10,029	9,933	10,029	10,061	10,093	9,741
2017	10,322	10,690	9,517	11,252	11,592	11,465	11,300	11,552	11,755	11,572	11,652	11,869
2018	11,712	11,565	11,780	11,393	11,350	11,246	10,980	11,438	11,456	11,431	11,574	11,524
2019	11,606	11,709	10,890	11,546	11,533	11,373	11,321					

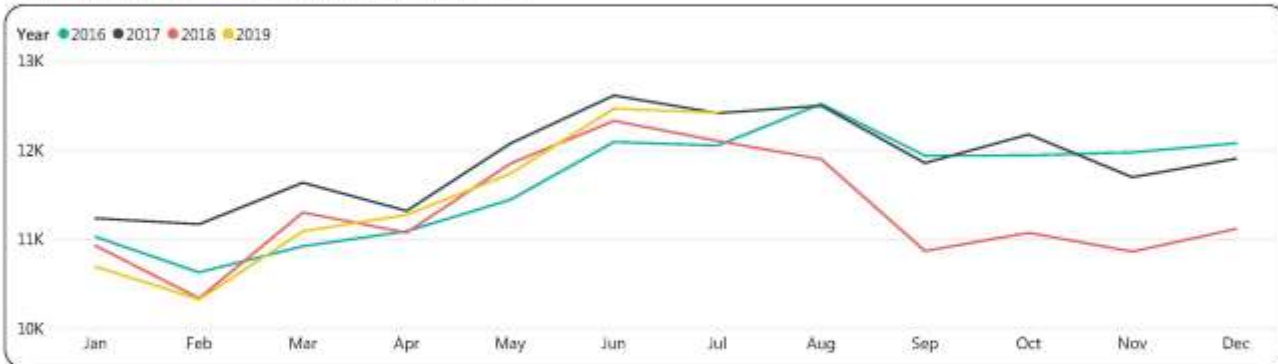
% Change from 2018 to 2019

3.11%

Source: http://www.ides.illinois.gov/fm/Pages/Data_Statistics.aspx, Current Employment Statistics (CES)

Employment by Month and Year - Leisure & Hospitality

Statewide employment in Leisure & Hospitality increased by +4.57% from 2018 to 2019.



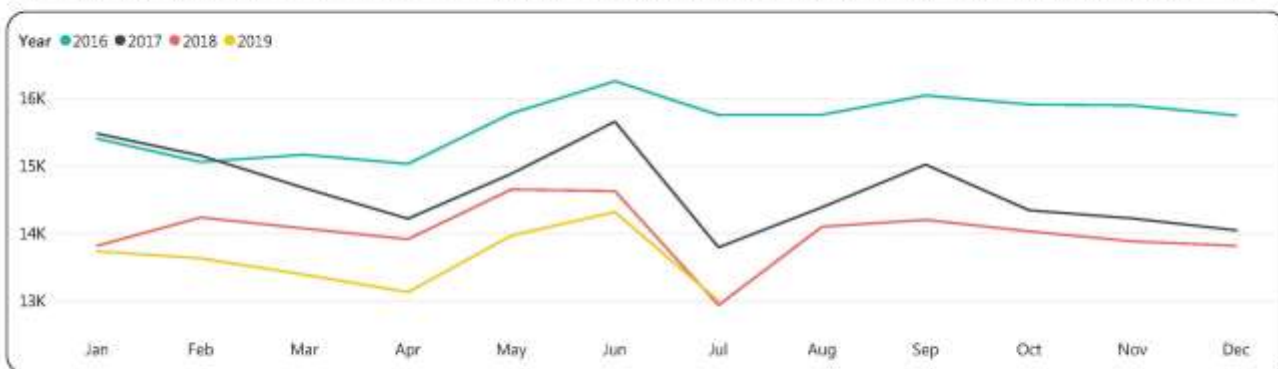
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	11,031	10,632	10,925	11,094	11,446	12,095	12,055	12,522	11,941	11,945	11,978	12,081
2017	11,239	11,173	11,638	11,322	12,077	12,617	12,418	12,502	11,858	12,180	11,700	11,908
2018	10,932	10,342	11,303	11,078	11,852	12,333	12,107	11,902	10,872	11,077	10,866	11,120
2019	10,696	10,330	11,093	11,278	11,738	12,470	12,424					

% Change from 2018 to 2019

2.62%

Source: http://www.ides.illinois.gov/In/~/Pages/Data_Statistics.aspx, Current Employment Statistics (CES)

Employment by Month and Year - Government

Statewide employment in Government increased by +0.63% from 2018 to 2019. *Note: Government employment includes public education whereas Education & Health Services includes private education.*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	15,406	15,060	15,170	15,033	15,780	16,258	15,757	15,760	16,047	15,913	15,898	15,750
2017	15,480	15,155	14,674	14,221	14,886	15,658	13,796	14,390	15,023	14,346	14,225	14,049
2018	13,821	14,239	14,076	13,917	14,654	14,629	12,940	14,102	14,203	14,034	13,885	13,820
2019	13,738	13,634	13,392	13,133	13,972	14,321	13,002					

% Change from 2018 to 2019

0.49%

Source: http://www.ides.illinois.gov/In/~/Pages/Data_Statistics.aspx, Current Employment Statistics (CES)



Region Definition

EDR4, the Illinois Northeastern Economic Development Region #4, is defined as the following counties:

Cook County, Illinois; DeKalb County, Illinois; Du Page County, Illinois; Grundy County, Illinois; Kane County, Illinois; Kankakee County, Illinois; Kendall County, Illinois; Lake County, Illinois; McHenry County, Illinois; Will County, Illinois;

FAQ

What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is replacement demand?

Replacement demand is the number of jobs required due to replacements—retirements and turnover resulting from workers moving from one occupation into another. Note that replacement demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The replacement demand shown in this report may also be understated; thus, it can be taken to be a minimum measure of the number of workers who will need to be trained for the occupation due to replacements. The total projected demand for an occupation is the sum of the replacement demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the **type of economic activity**. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

What is WIOA?

The **Workforce Innovation and Opportunity Act (WIOA)** 2014 - Current replaces the Workforce Investment Act. This new law represents a renewed commitment to workforce development with an eye to the future through innovation and support for individual and national economic growth.

Resources and Sources:

Bureau of Economic Analysis (BEA)

BEA produces GDP and related data from the national accounts programs of the U.S. Department of Commerce.

Bureau of Labor Statistics (BLS)

BLS is the principal fact-finding agency for the Federal Government in the broad field of labor and statistics.

Chmura Economics and Analytics: JobsEQ - 2016.2

Specialties include economic consulting, economic development, workforce development, economic impact studies, publications, and software development

Illinois Department of Employment Security (IDES)

IDES administers the Unemployment Insurance program for the State of Illinois and reports data on employment for the state.

Illinois Workforce Development System (IWDS)

IWDS is the Illinois Dept of Commerce and Economic Opportunity's web based WIA / WIOA program management tool for WIA / WIOA professional staff to manage customer and provider records, to report and compare performance among training programs and customer outcomes, and to search and find information about WIA / WIOA-certified training programs.

Institute for Supply Management, ISM Chicago

ISM Chicago is the Chicago Purchasing Managers' report on Chicago Business Activity including Employment, New Orders, Order Backlogs, Supplier Deliveries, Prices Paid, and Capital Equipment Buying Policy.

McHenry County Economic Development Corporation

Provides Business & Resource Connections for: Large Employers, Small Cap Businesses, Manufacturers, Financial Institutions, Government Entities

McHenry County Graphic Information System Department

Develop and maintains the Geographic Information System of McHenry County by providing efficient, high quality GIS leadership, coordination, infrastructure, data development and maintenance, and GIS services to meet the needs of McHenry County and the communities served.

S&P/Case-Shiller Home Price Indices

The S&P/Case-Shiller Home Price Indices are the leading measures for the U.S. residential housing market, tracking changes in the value of residential real estate both nationally, as well as in 20 metropolitan regions.

Stats America

STATS America is a service of the Indiana Business Research Center at Indiana University's Kelley School of Business. This initiative is funded in part by the U.S. Commerce Department's Economic Development Administration and Indiana University.

U.S. Census Bureau

U.S. Census Bureau is the source for current population data and the latest Economic Indicators, Households to Business to Government - Income & Spending.

U.S. Department of Health and Human Services

The Department of Health and Human Services is the principal agency for protecting the health of all Americans. It is comprised of the Office of the Secretary (18 Staff Divisions) and 11 Operating Divisions, including the office of the Assistant Secretary for Planning and Evaluation which determines the HHS Poverty Guidelines.

The University of Illinois at Urbana-Champaign, Regional Economics Applications Laboratory

The Regional Economics Applications Laboratory (REAL) at the University of Illinois at Urbana-Champaign is a regional science research center for advanced graduate students in the fields of economics, geography, urban and regional planning, computer science, and mathematics. Professor Geoffrey J.D. Hewings is a co-founder of REAL and currently serves as Director.

Services available through the McHenry County Workforce Network

EMPLOYER SERVICES:

Employment and Recruiting

- Job Postings
- Job Fairs
- Applicant Match / Pre Screening

Assessments

- Skills Assessment / Work Keys
- Customized Workforce Solutions
- Training Programs
- Job Assessment for Persons w/ Disabilities

Training Assistance Grants

- New Hire Worker Training Grants
- Incumbent Worker Training Grants
- Work Experience Internships
- Work Based Training for Older Workers (55+)

Economic Development

- Labor Market Information
- Wage and Salary Information

Employment Services

- Unemployment Insurance
- Tax Credits
- Fidelity Bonding
- Required Employment Posters

JOB-SEARCH SERVICES:

- Resource Room Computers
- with internet access for your job search

- Skill Assessments

- Career Planning Workshops

- Job Search Workshops

- Resume Reviews

- Mock Interviews

- Network to Success

- Job Club Networking Group

- Job Fairs

- Career Advising

- Training Grants

- Computer Classes

- Work Readiness Workshops

- Unemployment Claim Assistance

- Re-Entry Services



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